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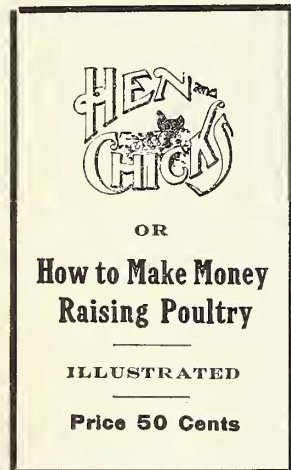
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The Industrious Hen,
Louisville, Ky.
Dear Sirs:—Below you will find change of copy for my classified advertisement, which you will please make first possible issue.
I have sold birds in twelve States from the classified ad you carry in The Industrious Hen, telling of my famous Black Langshans. Success to your great poultry journal.
Sincerely,
JAMES R. BROWN.

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Enclosed find \$_____ for Advertising offer to start with _____ issue.
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J. A. McQuiston, Prop., Greenwood, Ind.

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HAWTHORNE POTLTRY YARDS, C. C. LOOMIS, Prop., Box A, ST. MATTHEWS, KY

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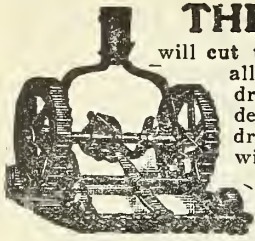
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Single Comb White Leghorns, Blue Andalusians, White Rocks, Fawn and White Indian Runner and Wild Mallard Ducks. Blue ribbon winners at Kentucky State Fair. Watch our show record at the Winter shows. Eggs and stock for sale at all times. Prices very reasonable. Several nice pens Single Comb White Leghorns, both old and young, at bargain prices if taken at once. Satisfaction guaranteed or money refunded. We have been breeding for years and are in the business to stay. Write us your wants and we will try to please you.

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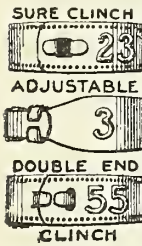
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You need one of our new illustrated catalogues to select your bands for the coming season. Why not get the best? You pay no more. Aluminum bands. Price postpaid, 12 for 15c; 25, 25c; 50, 35c; 100, 60c. NATIONAL POULTRY BAND CO., Newport, Ky.

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I have a grand lot of cockerels and pullets ready to win at your county or State fair; descendants from my Indianapolis, Kentucky and Tennessee Fair winners. 25 good hens at \$1.25 each, if sold this month.

A. G. CALLOWAY

R. F. D. 22 Louisville, Kentucky

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We can furnish you winners for the fall and winter shows at right prices. Write us your wants now.

N. V. FOGG, R. D. No. 5 Mt. Sterling, Ky.

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Cockerels and Pullets Oct. 1st. Circulars free. Prices right.

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Prize Winning S. C. White Leghorns

Kentucky State Fair 1914

Cock 1-2
Hen 2-3-5
Cockerel 2-3
Pullet 2
Pen 1-5



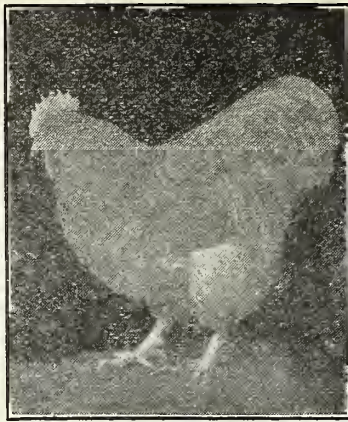
Tennessee State Fair 1914

Cock 1-5
Hen 1-3
Cockerel 4-5
Pullet 3
Pen 1

Pennyroyal Fair, 5 firsts, 4 seconds; nine entries. We have some splendid old and young stock to offer, both utility and for show purposes.

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Buff Orpingtons

From Larwood Farm were big winners at Kentucky State Fair. We just showed a few of our sales birds against the best birds of other breeders, yet we won first cock, fourth and fifth cockerel, first and second pullet, first pen and best display. Do you see? Birds we want to send you can win in the best shows in the country. Each one had a sale tag to the coop and the prices were reasonable too. Ask the visitors at the Kentucky State Fair. If in search of REAL ORPINGTONS at FAIR PRICES, just write us about it. Approval and C. O. D. shipments. Complete satisfaction absolutely guaranteed.

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From "Hugo King," the 45 Yearling, Score 97½.

If you wish toms or hens that have enormous bone and frame, fine trimmings, with brilliant bronze plumage; birds that have been bred for years and winners in our hands and customers' hand at Louisville, Cincinnati, Chicago, Boston, Seattle, Atlanta and Indianapolis, our birds will suit you. We are booking orders for early shows now. Fine "Nugget" strain Buff Plymouth Rocks of the finest quality—any number. Write us for prices and catalogue.

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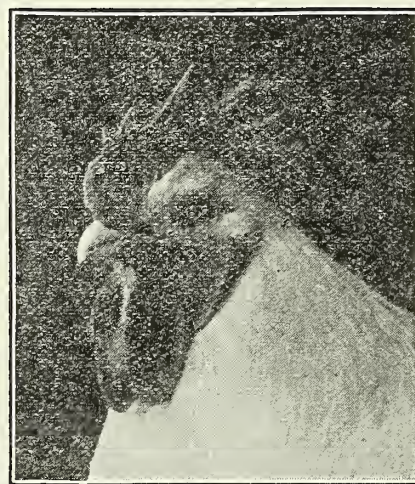
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for a Set of Capon Tools exactly like I use myself and the book mentioned above free if your order is received at once. If not satisfactory return and I will refund. If you prefer I will send them C. O. D. by Parcel Post and you can just pay the mail man for them. Catalogue free.

Geo. Beuoy R. F. D. No. 27 Cedar Vale, Kan.



Automatic Remover. (Pat.)
(No extra charge on that account)



KENNEY'S GIANT S. C. WHITE ORPINGTONS

WE MADE ANOTHER GREAT WINNING AT THE KENTUCKY STATE FAIR, Sept. 14-19, 1914, as follows:

1st, 2d, 3d and 4th Cockerel; 1st, 3d and 5th Pullet; 2d, 3d, 4th and 5th Hen; 3d, 4th, 5th Cock; 1st Pen. Also the Cash Special for the most points on WHITE ORPINGTONS.

Our winnings for the past three years in the best shows in the country should prove the quality of our birds. Write for prices on anything you want in S. C. WHITE ORPINGTONS.

BRONZE TURKEYS—We also offer you the best quality that can be found in MAMMOTH BRONZE TURKEYS, and will be pleased to quote our best prices. Address:

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BRINKLEY'S WHITE PLYMOUTH ROCKS

"THE BEST IN THE SOUTH."

RECENT WINNINGS: At Nashville, first pen; first cock; first hen; first cockerel; first pullet; second cock; second hen; second pullet; only eight entries. At Memphis I won first and third pens; 1, 2 and 4 cocks; 1, 2, 3 and 4 hens; 1, 2 and 4 cockerels; 3, 4 and 5 pullets.

Summer clearance sale now going on. Some handsome birds still that will be sold at bargain prices.

W. J. BRINKLEY,

IUKA,

MISS.

THE INDUSTRIOUS HEN

VOL. XI.

LOUISVILLE, KY., NOVEMBER, 1914

(Whole No. 125)

No. 6

Preparing Turkeys for the Show Room

Supply a Variety of Food but do not Overfeed. Do not Omit Grit and Charcoal. Have Your Birds Tame and Well Trained, for you will Find This Important in Showing Turkeys.

By J. C. CLIPP, Saultillo, Indiana.

NE of the readers of The Industrious Hen writes for information regarding preparing turkeys for exhibition. There are many expert turkey growers that know but little about preparing turkeys for the exhibition room. The writer has passed on turkeys in some of the best turkey districts that always pull off the very best shows, and the turkeys entered in the show were grown by the very best turkey experts in the country, but the performances of the turkeys

turkey for the show was to properly tame the bird so that it may become a fit subject for the show room. If your birds are unusually wild it will require several days to teach them to pose and act as if they had been grown up in a well cultured family. We have large canvas covered coops for the purpose of training the intended exhibition specimens, so that the birds cannot possibly cut or bruise their heads or body in trying to get out. These coops are placed in a light, well ventilated room or shed, where there is no danger of draughts, and at the same time try to have the temperature as near normal as possible.

It requires some patience in working with the birds in order for you to be able to win their confidence. If you once give them a severe fright it will be sometime before you can ever restore their faith in you to what they once

had. Clean their coops every day and never allow them to become filthy, handle the birds each day much the same as you know they will be handled by the judge. Teach them to obey you in turning them around in the coops with a stick. This may appear as nonsense to the experienced exhibitor who trains his poults without ever thinking of the amateur that knew nothing of preparing his birds for the exhibition. In training them in this way you will have no trouble about them becoming nervous and retreating to rear of coop and possibly making an effort to escape through the coop. Just such performances as this when the judge makes an effort to pass his judgment on the birds often results in defeat for the owner. Remember, too long confinement tires the birds and very frequently the strain results in sickness and detracts from its appearance to such a degree as to debar it from competition.

Avoid this disaster by releasing the bird every day while at home, and by training in the coop daily you can get it accustomed to being confined to the coops.

Do not overfeed, but feed a variety ration all they will eat and never under any circumstances omit sharp grit and charcoal. Have them plump and fat, with shanks clean of old scales, brightened up with clean sweet oil. Do not handle them in a rough manner and suffer the loss of wing



Single Comb White Orpington cock bird from the yards of Christopher & Swift, Jeffersontown, Ky. Look up the advertisement in this issue and write them for prices and particulars.

in the show room indicated that the proper preparation to have the turkeys to appear in the best possible style was

wanting. If a turkey cannot be tamed so that it will appear in some degree of excellence they should never under any circumstances be allowed to find their way into the show room. When a turkey displays the timidity of a Leghorn at the appearance of the judge or any stranger in the show room that chances to approach the coop, it should never be allowed to appear as an exhibition specimen. Here is an inquirer that fully realizes the fact that "Old Kentucky," as well as many other Southern States, pulls off some of the best turkey exhibitions in the country, and wishes to become wise and shown just how to appear in the exhibition with those expert exhibitors in the best possible manner, and writes for information. I am confident there are readers of The Industrious Hen that are more competent to assist this reader than your humble servant, but since I have been called upon for the information I will give you the best I have gained from several years' experience in breeding and exhibiting turkeys. Kentucky and Tennessee produce the best turkeys grown in the United States. There are some masterpieces elsewhere, but on investigation I find they came from some of the Southern States. Hence the wisdom of knowing just how to prepare your turkeys to exhibit at any of these Southern shows. I have long since learned that the first principles to observe in preparing the

or tail feathers, either broken or a total loss. You will find young toms more prone to nervousness and harder to condition than old toms. Young females are likewise more timid than old hens. Old and young turkeys should never be shown in the same coop. We prefer crates for shipping the turkeys to the show, made so narrow that it cannot turn round and at the same time sufficiently tall so the birds can stand upright. If you have a large old tom or turkeys of excessive size, then I prefer large, roomy coops, so that no plumage will ever be broken. It will be found a wise plan to hinge the top so as to make the coops convenient to remove the birds on arriving at the show. It will not be a difficult task to prepare your birds if you will use precaution.

THE NECESSITY OF FRESH AIR FOR POULTRY.

The Old-style "Air-tight" Poultry House is the Forerunner of All Poultry Diseases.—Use the Open-Front Scratching Shed System and Your Birds will be Just as Healthy as if They Were Permitted to Roost Out in the Open During Fair Weather.

[J. C. Clipp, Sault Ste. Marie, Ind.]



IN THE majority of instances the novice in building poultry houses constructs them in such a manner as to cut off all possibility of fresh air reaching the interior. Fresh air is beyond a doubt the seat of the essence of life, not only to the feathered tribe but to all animal life. It matters not whether you build your houses for the purpose of producing eggs or for the rearing of youngsters, ventilation must not be overlooked. Houses of the fresh air type are by far the most valuable ones to

construct, and are considered by some of our best and largest breeders as the most convenient.

It is thought by some that so-called "cold houses" are fatal to egg production. The fact is that the so-called "warm houses" are the forerunner of all manner of diseases. We venture to say there is not a veteran breeder living that ever took a sick fowl down out of the trees. We are not an advocate of the outdoor roost nor of the slip-shod method of poultrykeeping, but the fact is that fowls that are permitted to roost out in the open are invariably healthy. It is the closely confined fowls that contract roup and colds. It is true, we cannot afford to allow our hens to remain out in the trees all winter long. They might just as well be paying their keep in a supply of eggs as to require all the food they receive to keep up their bodily heat. Fowls can be housed by means of the open-front scratching shed system and be just as healthy as if they were permitted to roost out in the open during fair weather.

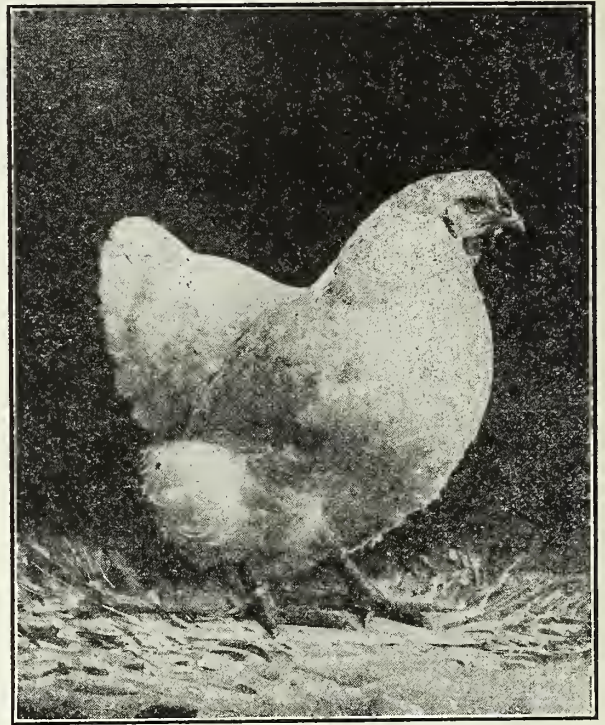
Of course it is not supposed that fowls could be kept healthy if allowed to roost out in all kinds of weather, but where fowls are permitted to roost out during fair weather, breathing the fresh air, common sense teaches us they would naturally be healthy and free from respiratory diseases.

In the open-front scratching shed that faces the south the fowls can be housed almost as comfortably in winter as in summer. In cold, severe weather muslin can be placed in front of the shed to break the wind and at the same time will allow a free circulation of pure fresh air to the laying fowls. It has been found by medical science that in treating tubercular troubles the fresh air treatment proves to be the most beneficial in bringing about a speedy cure. It is an evident fact that fresh air is in reality the seat of life, the foundation of health, and the avenue to a long and happy life.

When you approach the poultry house and see the window panes all covered with frost on a cold morning or any other for that matter, it indicates a lack of fresh air. This "house sweating" we receive so many inquiries about during the winter from the novice is all a matter of an insufficient supply of fresh air. The closed poultry houses simply are death traps and should be avoided.

We use the open-front system and seldom have a case of cold. The only thing we have to contend with in the way of roup and colds is in the birds contracting colds in making an exhibit. The show room in many instances is kept entirely too warm, with but little fresh air, often result-

ing in the fowls contracting colds or roup. Where artificial heat is supplied either in the show room or in the poultry houses the results are usually undesirable. The fowls should be kept comfortable by exercise or the rays of natural sunshine. The advocates of the double wall house seldom ever stop to consider that the house that will



A winning Dixies Quality Strain White Wyandotte pullet, bred by Carrington Jones, Box 145, Buntyn, Tenn.

keep cold out will also invariably keep cold in and keep heat out. If they will construct one open-front house they will never build a closed house again. When we visit our fowls all comfortable and warm out in their open-front houses, we often wonder how some breeders ever pull through the winter with their double-wall, dead-air-space houses, with only temporary ventilation that in many instances proves more a detriment than an advantage.

Do not crowd either young or old poultry. Twenty-five chicks in a brooder will do better than fifty. Use more brooders and fewer in each brooder.

To reap profits from poultry the flock must be separated into pens of small numbers. Overcrowding is one of the greatest mistakes and this has been demonstrated.

The first purpose to which food is devoted is to supply wasting tissues and support of the body. All over that amount goes to the manufacture of eggs, providing the food is not of such a nature as to cause fat.

The poultryman who follows a practical system does not complain of the work. System is a great labor-saver in all occupations, and especially so in raising poultry. The man who has no regular method causes himself extra and unnecessary work and it always "seems to pile up on him" at an inopportune time.

BUSY BIDDY.

When "Biddy" isn't busy there is gloom about the place: No fried eggs for the breakfast to bring smiles to the face; No color to the noodles, no lovely golden cake; No egg to mix the "nogg" with, and, oh, for goodness sake! The more you think about it the more your heart doth ache.

But when "Biddy" she gets busy there is joy all round about:

Your heart is light and your appetite would almost make you shout.

There are fried eggs then for breakfast and poached eggs in the pan;

There are boiled eggs in the kettle and the golden cake is grand.

You can hear her cheery cackle as she sings her merry lay—

When "Biddy" she gets busy then comes the gladsome day.

—James L. Hendry.

[The guy who put the "hen" in Hendry.]

EGGS AND THE EUROPEAN WAR.

Do Not Dispose of Surplus Hens or Pullets, but Keep Them for Breeding Purposes and Egg Production.—Read the Following Article on the Present War Situation and Make Your Plans Accordingly.—We Believe This Man Has the Right "Dope" on the Situation.

[Prof. J. C. Graham, of the Massachusetts Agricultural College.]



ANY poultrykeepers have a habit of disposing of all the hens and pullets they can possibly spare whenever feed gets very much beyond the normal price, but conditions are such this year that we believe it will pay to keep all females that have a semblance of good laying qualities, irrespective of the cost of feed. I do not mean by this that extremely old hens or worthless pullets should be retained. It is a well known fact that England depends largely upon continental Europe and some of her colonies for her egg supply, and as the poultry business is ruined in Belgium and large portions of France, Germany, Austria and Russia, and the price of eggs in Holland, Denmark, Norway and Sweden is beyond the reach of ordinary people, her egg supply will be cut very short; in fact, all continental Europe will suffer in this respect, unless it is Russia. This is to be greatly deplored as large quantities of eggs will be needed for hospitals and convalescent soldiers.

The importation of eggs in the month of December, 1913, amounted to 1,514,296 dozen, or more than in the entire fiscal year which ended in June, 1913. This shows that foreign countries have their eyes on the United States as a place for their surplus egg supply, especially during the winter months. The fact that shipping has been more or less demoralized and these importations cut off leads us to believe that the price of eggs will be very high not only this coming winter but for next season also, and possibly for two or three years to come, because it will take considerable time for those countries to get their poultry work back to normal conditions. Furthermore, it will be greatly to our advantage, as well as to the consumers here, to habituate the public to the use of our own products rather than those of foreign countries.

The following extracts from Poultry, an important English poultry journal, show the general trend of thought in that country, and also that the English are making every effort to increase the supply of eggs and poultry: Resolution passed by Poultry Club Council held at Oxford Court, E. C., August 14, 1914:

That this Council appeals to all patriotic poultrykeepers, whether concerned in the production of table fowls or fancy birds, to support their country by continuing their normal course of business; and especially by retaining all useful stock birds with a view to increasing the nation's supply of fowls and eggs for food.

That the fullest publicity be given to this resolution.

Resolution passed by Sussex Poultry Club held at Lewes, Sussex county, England, August 14, 1914:

That this club suggest to poultry breeders that all pullets should be saved for egg production and that selection be made later from such birds for the breeding of table chickens, the "Sussex" being especially useful for this purpose, it being a good winter egg producer; and as it appears that many of the shows will be cancelled, the stock should be used for increasing the number of chickens next spring. With regard to feeding stuffs, it is anticipated that the prices will not materially increase, and whatever it might be, the price of poultry and eggs would more than compensate the breeder for the outlay and trouble involved. It is to be hoped that every poultrykeeper in the country will do his best to keep up the supply and increase it if possible.

"Business as Usual."

"Business as usual" is the country's motto today, and it makes one proud of that fact that he is a Britisher to note the calm and workmanlike spirit which characterizes our people during this period of stress. In the world of poultrydom particularly we can go about our daily duties with quiet confidence.

The threatened "famine" prices of foodstuffs have not materialized. Poultry foods are quoted at an average increase of about \$10 per ton, which means that when fed on the best foods only, each bird will cost one and one-half cents per month more than ordinarily. I put it to the thinking poultrykeeper that the increased price of poultry and eggs, consequent upon the increased demand for these commodities, will easily bring his additional re-

turns on a level with his additional expenditure, if not indeed considerably above it. I contend that the suggestion to put fowls on short rations, or to utilize inferior feeding material, are idiotic in the extreme. The sane man will continue to feed his birds generously and well, with the object of getting the highest possible results from them. He will indeed, if he be wise, pay special attention to his poultry at this time, for we are now presented with the greatest opportunity that has ever been offered to us. The decrease in foreign poultry imports will bring the home product prominently before the purchasing public.

We have it from good authority that the poultrymen of Canada are being urged in the same way to do their utmost to meet the demands that will be made upon them by the mother country for this important product. Why should not the poultrykeepers of Massachusetts take advantage of this crisis, and not only help to make up the deficit in European markets and decrease the high cost of living at home, as well, but add materially to their own profits? This can be done by carefully observing the following:

1. Keep over this year for layers hens and pullets that will help fill the egg basket.
2. Market all worthless females and undesirable males.
3. Raise a supply of chicks from best stock next spring.
4. Because feed is high, do not think for a moment that good results can be obtained from underfeeding.
5. Feed well on good feed, but see that there is no waste.
6. Our common grains are the best feeds for poultry.
7. If mangels, beets, turnips, etc., can be purchased at a reasonable price they will not only decrease the grain bill but will add materially to the health of the fowls.



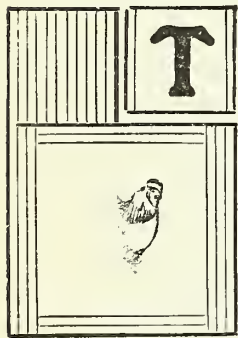
Silver cups, ribbons, gold specials, etc., won by De Witt C. Bacon, Guyton, Ga. Look up his advertisement on cover page and write him for prices.



HOW TO SECURE WINTER EGGS.

Every One Who Keeps Hens is Anxious to Secure as Many Winter Eggs as Possible.—You Will No Doubt Secure Some Valuable Information by Reading the Following Article on This Important Subject.

[E. B. Templer.]



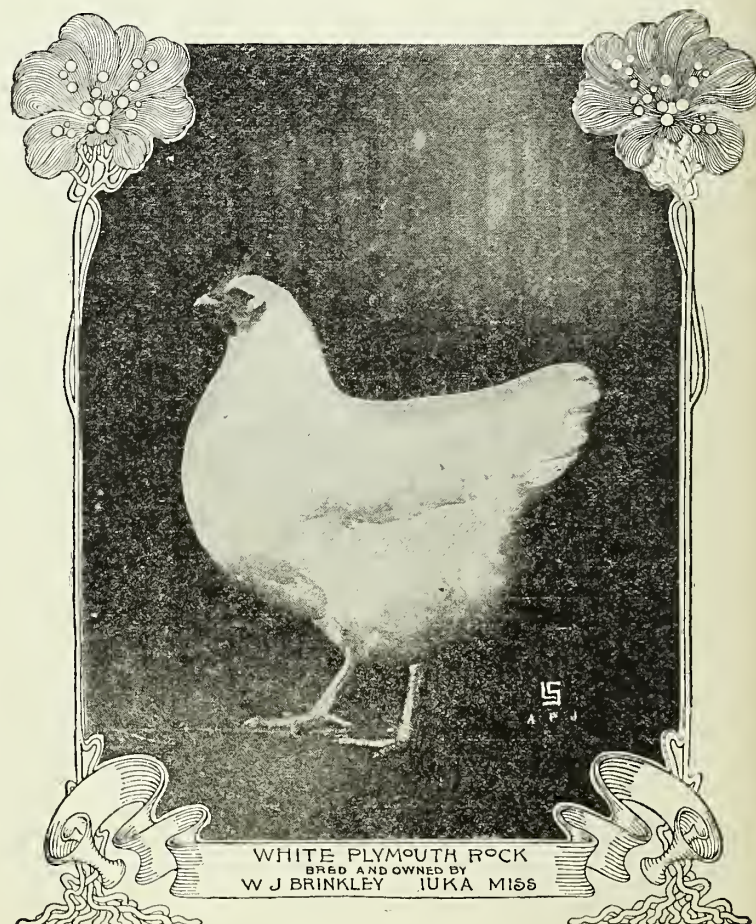
THE majority who keep hens want to get winter eggs. Even the fancier who is really out after the blue ribbons is seeking to get a good egg production during the months when eggs are bringing the best prices in the market. To be profitable, hens must lay well during this period when the market is stretched to the top notch; this helps to keep the ball rolling when eggs are way down in the spring. In fact, the period of high prices just balances up the scale so that one can make a fair margin with hens. It would not be profitable to keep hens and sell market eggs if the price was to remain at the low spring quotation right through the year. Regardless of the price, the hens would slack up at molt and during the fore part of the winter and bring on the flush of eggs at springtime as usual. The price or market quotation does not affect the hen for she lays or does not lay according to conditions. It is evident that to make the business a profitable one, there must be a full quota of eggs during the late fall and early winter months. The problem of getting them has been a trying one to many poultrymen and is hard to solve.

If you are expecting to get your winter eggs from the yearling birds that you have, you must remember to get them over the molt as early in the season as possible. If

you can have them over the molt and in laying condition by the middle of October you will stand a good chance of getting them down to laying before the cold weather catches them. It is much easier to get hens started on the matter of laying when the weather is mild than to do it when it is cold. They will respond much more quickly to new food which contains a heavy portion of egg-making material during the summerlike days or late fall than they will when it is extremely cold. When once they get started it is not such a difficult problem to keep them at it, and by proper feeding they will be productive all winter. However, it requires some skill to get them through this molt and back to their proper form. Good clean food, with plenty of green stuff and a proper proportion of oil meal, or sunflower seed, will help the work very materially. If you can take the males away it is so much the better, for at molting time the hens like to be quiet and free from any disturbing element.

Then there are those who have pullets that they are looking to for winter eggs. These birds should have the best of care so that they will mature properly before cold weather sets in. As soon as you can tell the pullets from the cockerels, separate them. The pullets should be placed in the best coop you have. Give them a light, airy place where they can have some runway and plenty of air both day and night. These pullets will grow as fast again if they are by themselves and away from the pestering and fighting cockerels. Now and then you will find a pullet that is cross and ugly; take her away from the rest at once for one such pullet will disturb the peace and quiet of the rest of the flock. We have seen just such pullets which take no pleasure but in picking at their companions all day long. Get such out of the way and give the rest the best possible chance to grow, develop and mature. Where these pullets are fairly early hatched they should begin to lay during October and November, and with proper food and care they will keep it up all winter long. They will produce eggs which will catch the high fall prices and at the same time lay as many as they would in the spring. Get the fall eggs and you will get the high prices.

While it is not necessary to have a really warm house for good winter egg production, it is a good thing to have a comfortable place for them. They will not do well in a barn or a place where the temperature is positively freezing all the time, but will do well in a place where the sun has a chance to work and warm up the atmosphere for at least a part of the day. Where there is some muslin in the ventilating system you will have a dry coop which is quite essential to the health and well being of the birds. Do not have the coop too high, if you have one of the long style houses; where the small coops are used



you will find that the birds will be comfortable during the coldest winter days. Never permit a draught to blow through the poultry house, for the first thing you know there will be signs of cold or roup. Plenty of fresh air without a draught is what is needed in every poultry house.

Give the birds good clean food both whole and ground. Use the dry or wet mash as you choose but see to it that the birds have enough to eat; they cannot make eggs from nothing. Give the birds the raw material in proper proportion and they will give you the finished product in the shape of the valuable egg. Have hoppers of grit, shells and charcoal ever before them and they will help themselves as they need these things. They seem to know just what they want and if you will keep a variety of things before them they will balance their own ration without much help from you.

There is something to be said about the matter of green food; you must feed it if you are to have winter eggs and plenty of them. There are many ways of feeding green food, but the best is in the form of sprouted oats. It is not hard to sprout oats and it pays to feed this to all of your layers. It is not only productive of eggs in plenty, but as the spring approaches it seems to give added strength to the egg and to the fertility. Cabbage may be fed with profit, as may mangel beets, cut clover and alfalfa, both mealed and shredded. Make it your business to feed green food in some form and do it now so that the birds will get down to egg production.

Meat food may be given in the form of beef scrap, animal meal, green cut bone, or fresh lean beef. Where you can get a quantity of fresh beef bones at your butcher's, you can cut them up in a bone cutter or hang the bones in the pens so that the birds may pick at them as they wish. The writer has done this latter way with good results.

You can get winter eggs if you have good stock and give them the proper care in growing them and in feeding them for eggs. Do your best and see if you are not justified in the work by the increased number of eggs that you get during the winter months.

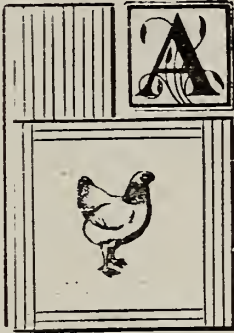
It is a noted fact that the majority of cases where roup has become epidemic among fowls, the latter were crowded in tightly built houses, when the weather is very cold, and allowing the houses to remain closed all the next day. This creates a moisture which generates dampness, and the whole house feels very much like a vault. At night the house is more or less filled with dampness emanating from the fowls' breath, but if on the following morning the windows are opened wide this dampness will be dispelled. This is a great point in favor of the scratching shed plan of house.



WHITE PLYMOUTH ROCK
BRED AND OWNED BY
W J BRINKLEY IUKA MISS.

COLDS, ROUP AND CATARRH.

Thousands of Good Birds Lost Each Fall and Winter as a Result of These Diseases.—The First Cases of Colds Should be Taken as Danger Signals of Roup.—The Pen Record Broken and the Average Production Per Hen Exceeds Any Records Heretofore Made in the National Egg Laying Contest.



AN OUNCE of preventive may be worth a pound of cure. In fact, it has proven so with us, and it is true with practically all poultrymen when it comes to the treatment of colds, roup and catarrh. These diseases are responsible for the loss of thousands of birds each year. In fact, it is the most deadly of all diseases of adult poultry. Not only does it cause a tremendous number of deaths, but fowls which succeed in recovering from it should not be used for breeding purposes, thus greatly increasing the loss due to its ravages. A great many people fail to distinguish between ordinary colds and genuine roup, due largely to the fact that the early symptoms of each are similar. Plain colds, however, are non-contagious and comparatively harmless, while roup is very contagious, usually either kills the bird or renders it unfit for further use. The first cases of colds should be taken as danger signals for roup, for when a chicken has a cold the roup germ can gain an easy foothold, and usually does so unless special precautions are immediately taken. Your attention will usually first be attracted to birds that have taken cold by their sneezing or making a wheezing sound in breathing, while they are at roost, and by a watery discharge from the eyes. Upon examination the feathers on the underside of the wing will often be foul and sticky, due to this mucous discharge from the eyes and nose. One or both eyes may be swollen or the lids stuck together by a sticky discharge. The appetite falls off, the feathers become roughed, and the patient has a generally run-down appearance.

The most easily distinguishable characteristic of genuine roup is a peculiar and very offensive odor about the mouth and nose. As the case advances, a yellowish cheese-like mass usually forms in the nostrils, growing rapidly and sometimes entirely closing up the openings in from twenty-four to forty-eight hours. Cankorous growths often appear in the mouth, the eyes become feverish and inflamed, often swelling entirely shut, after which tumors sometimes develop, destroying the eye. The patient gradually weakens and death follows if treatment is not administered.

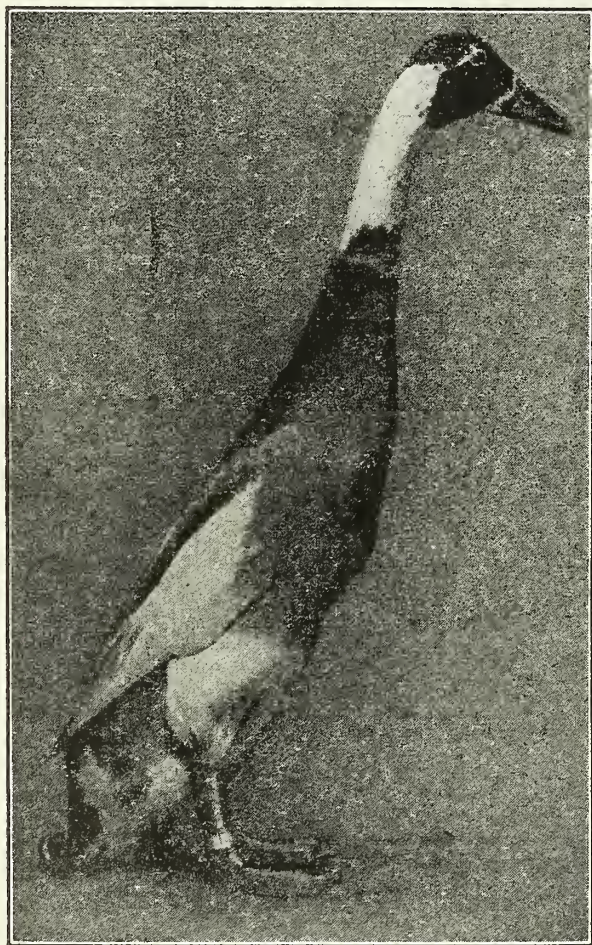
Upon the occurrence of an outbreak of roup, the first thing to do is to take steps to check it as quickly as possible. All affected birds should be at once removed from the balance of the flock to a place that is clean, dry, well lighted, warm but well ventilated and which can be thoroughly disinfected after the disease has run its course. Remove the litter from the houses and disinfect the houses and runs thoroughly with Zenoleum, Creolin or Cresol, mixed according to directions, or with a five per cent solution of carbolic acid. We have tried out and tested practically all the serums, "guaranteed roup cures" and remedies of various kinds recommended for roup. But we have come to the conclusion that the safest and best thing for any poultry raiser to do is to use all possible means to prevent the disease. This can best be done by breeding from healthy stock, providing comfortable houses which admit an abundance of ventilation and sunshine. The houses and yards must be dry. Ventilation, without draughts, is the best preventative. By all means have an opening near the floor to take out the bad air, if it is nothing but the exits for the birds left open or covered with wire to permit of a circulation of air. Most people imagine that the bad air in a poultry house is near the ceiling and they make openings there which take off all the pure warm air on winter nights; but the bad air, which breeds roup, settles nearest the floor. So in addition to your shutter, curtain or open front, also have small openings near the floor in the front of the house to complete the system of ventilation and to take off the bad air. Be sure the floor and walls of the house are dry.

About every other day during the damp days of fall and

winter, we would recommend the preventative treatment recommended by Tom Barron, of England:

Magnesia	4.6 parts
Magnesium Sulphate	52.1 parts
Sulphate of Iron (Copperas)	8.0 parts
Sulphur	14.0 parts
Ground Ginger	8.6 parts
Moisture	7.0 parts
Oxide of Iron (Rouge)	0.7 parts
Other matters not determined	0.5 parts

Tablespoonful to each twelve birds every morning. Feed this in a moistened mash for a few days to the flock if they are attacked with an epidemic of roup, diphtheria, chickenpox, canker, liver trouble or appear to be out of condition. As the birds show signs of improvement, discontinue the remedy until it is needed again. For bad cases of roup, make a pill about the size of the end of your finger and put it down the bird's throat. Where the bird's eyes are swollen shut, it is a good idea to force a little rich, moistened mash down the bird's throat. Also dip the bird's bill into water if it cannot see to drink. If the bird is thin and low in vitality, no treatment will do much good and the best thing to do is to kill and burn the fowl. The doctoring of sick birds is tedious and, for the most part, discouraging business. Unless they are especially valuable the axe is the best cure for all badly affected birds. After the nostrils have been thoroughly cleansed by pressing out all the mucous possible with the thumb and finger, it is a good idea to dip the head of the bird into a pan of warm water into which you have



Indian Runner drake, showing ideal color and carriage. This variety is very popular now.

poured Zenoleum, Creolin, Cresol, or some other disinfectant. After the bird's head has dried, take an ordinary sewing machine oil can and inject a little of the following mixture into each nostril:

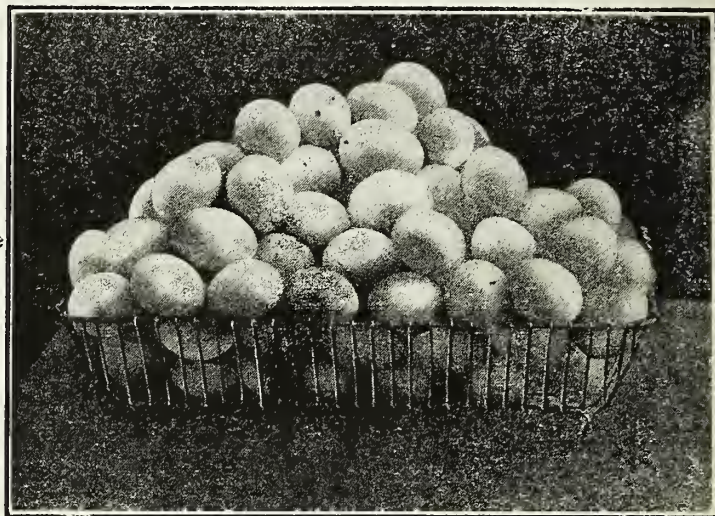
3 parts Coal Oil or Kerosene,
1 part Zenoleum, Creolin or Cresol.

Mix these thoroughly and shake well each time before using. Give this treatment at least once a day. If the eye is affected, remove all mucous or cankerous substance and drop a mixture of equal parts water and Zenoleum, Creolin or Cresol, or some such disinfectant into each eye. If a tumor has formed about the face beneath the skin, open it with a sharp knife, and allow it to bleed freely and press out all the substance which has collected and caused the tumor. Wash it with the disinfectant and water, and then fill the opening with powdered alum.

Always bear in mind that an ounce of roup prevention is worth more than a pound of roup cure.

Pen Record Broken in Tenth Month.

The pen record has been broken in the tenth month, also the average number of eggs laid by each hen is in excess of any record made in any of the previous National Egg Laying Contests. This is by far the best contest we have ever held and the hens are going to average at least twenty eggs each more than they averaged in the first contest three years ago. This shows the good results coming from such contests and from the interest and attention which poultry raisers have manifested in selection and breeding for egg production in the past few years. If this increase in the average holds good throughout the State, it means an increase of over \$5,000,000 each year



in Missouri alone, to say nothing about other States.

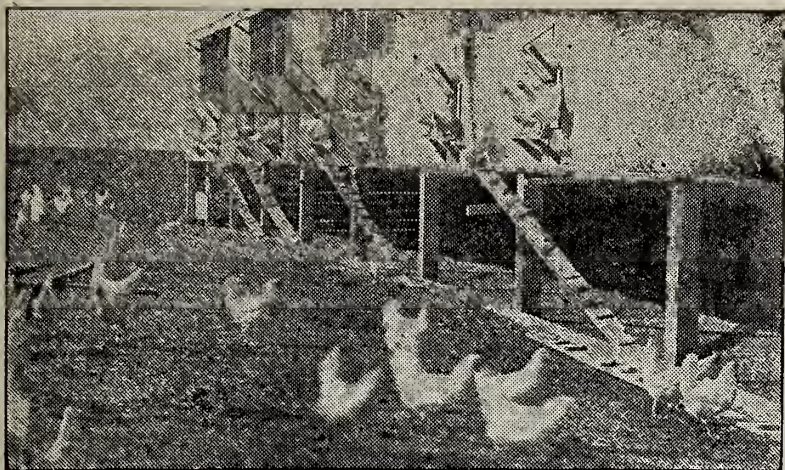
We have been more than pleased to have foreign birds compete with our American pens for they have stimulated us to greater things. While foreign birds seemed destined to win all the prizes the first two years, it is not so much so today. We find good individual and good pen records being made by Missouri birds and by pens from other States. Outside of the one English pen, Missouri and American birds have been in the lead at all times. The Rhode Island Reds, Wyandottes, Barred Plymouth Rocks and the other large breeds have been crowding the Leghorns for first place, which shows that the larger varieties can lay as well as any variety if properly selected and bred.

The English pen of White Leghorns got such a lead and made such consistent records each month of the year that they made a record which was hard to equal. The trouble with the average pen is that they have a few record breaking hens and then they usually have a few hens that lay but very few eggs, and this brings the average down and causes the pen to lose out. We think it is up to most of us to so fix the egg-laying characteristics in our flocks that they will practically all make a good average egg yield for each month of the year. It will be so when we have continued our selection and breeding for egg production a few more years. This English pen is apparently all going to lay over two hundred eggs each. All but two out of the ten hens are already over two hundred eggs. Another only lacks four eggs of that number, and the other is only a few eggs behind. This is consistent laying. Not a bad hen in the pen. At the present time the ten hens average over 213 eggs each for only ten months. The Rhode Island Reds, the Wyandottes, Plymouth Rocks, Minorcas, Orpingtons and others have also made good averages. All the good qualities are not confined to any one variety. You can take your choice of any of the leading varieties and by using a little common sense and gumption, can get satisfactory results.

The pens are all moulting and no great egg yield can be expected from this time on. The standing of the ten highest pens is as follows:

Pen No.	Eggs.
0 S. C. White Leghorns, England	2136
65 S. C. White Leghorns, Missouri	1909
79 S. C. White Leghorns, Pennsylvania	1894
47 S. C. Reds, Missouri	1850
18 White Wyandottes, Pennsylvania	1800
70 S. C. White Leghorns, Missouri	1754
9 S. C. White Leghorns, Pennsylvania	1737
24 White Wyandottes, England	1718
69 S. C. White Leghorns, Kentucky	1703
59 Barred Plymouth Rocks, Ohio	1692

The English White Wyandottes made the best record for September. Also Buff Wyandottes, White Plymouth



One of the breeding and laying houses on the Golden Rod Egg Farm, Hardingsburg, Ky. Thousands of S. C. White Leghorns are produced here each year.

Rocks and S. C. Reds, as well as American, New Zealand and English Leghorns, did well for last month. The highest scores were as follows:

Pen No.	Eggs.
24 White Wyandottes, England	201
69 S. C. White Leghorns, Kentucky	190
102 S. C. White Leghorns, New Zealand	189
18 White Wyandottes, Pennsylvania	178
57 White Plymouth Rocks, Texas	177
65 S. C. White Leghorns, Missouri	173
0 S. C. White Leghorns, England	172
79 S. C. White Leghorns, Pennsylvania	170
25 Buff Wyandottes, Missouri	170
39 S. C. Reds, Missouri	166
75 S. C. White Leghorns, England	166

There are a number of hens in many of the varieties which have laid over two hundred eggs in ten months. The Nebraska hen is still in the lead. The highest hen in each variety is as follows:

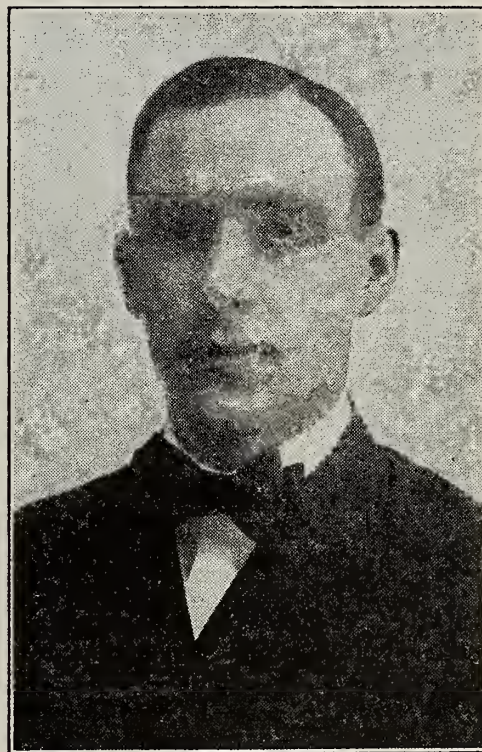
Hen.	Eggs.
611 S. C. White Leghorn, Nebraska	239
566 Barred Plymouth Rock, Iowa	228
180 White Wyandotte, Pennsylvania	222
476 S. C. Red, Missouri	220
456 R. C. Red, Missouri	215
576 White Plymouth Rock, Texas	215
335 Black Orpington, Nebraska	214
24 Ancona, Missouri	210
A13 Campine, New Jersey	199
236 Silver Wyandotte, Missouri	198
446 S. C. Black Minorca, Missouri	196
42 S. C. Buff Leghorn, Michigan	195
B32 Buff Orpington, Missouri	192
304 White Orpington, Missouri	192
389 White Orpington, Pennsylvania	192
524 Buff Plymouth Rock, Missouri	191
310 Black Langshan, Missouri	190
256 Buff Wyandotte, Missouri	188
141 Rhinelander, California	171
429 R. C. Black Minorca, Missouri	158

One meal of soft food is sufficient, and it should be given early in the morning and should be warm. No meals

are necessary at noon, as it is better to allow the hens to be hungry, so as to compel them to scratch, than to keep their crops full, in which case they become very fat. At night scatter the grains so that the hens will have a job searching for them; should any be left over they will be found by the hens the next morning. Soft food may consist of anything that can be fed in that condition. It is the meal to which all the extra foods are added. It should never be very soft, but of a consistency to allow it to be crumbled.

Biddy, the hen, will stand considerable thoughtful attention. She has a value to the American farmer equal to that of his wheat fields and every day, as the sun sinks, there has been added to the store of national wealth nearly \$2,000,000. This is in the face of unsuitable housing and little by way of proper care. May the tribe of Biddy increase just as fast as the farmer learns how to give her the square hen deal!—Farm, Stock and Home.

The poultryman who knows how to keep his fowls active, contented and happy is the one who will succeed in spite of all difficulties.



C. E. Carpenter, Owensboro, Ky.
Secretary of the Owensboro Poultry Show.
Be sure to write and get a copy of their
catalog and send some of your
best birds.

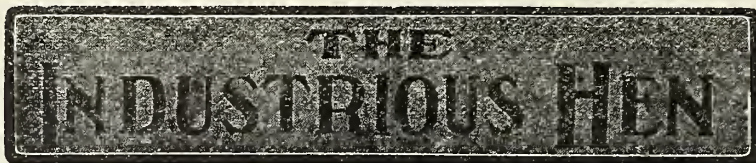


Part of the training and conditioning house of DeWitt C. Bacon, Guyton, Ga., where show birds are prepared for exhibition.

SUBSCRIPTIONS—One year 50c. Three years \$1.00. Foreign subscriptions 75c. In order to start with current number, the subscriptions must be received at the office by the 10th of the month.

PUBLISHERS' ANNOUNCEMENT—All manuscript and copy for change of advertisements should be in our hands promptly by the 10th of the month preceding date of issue. **THIS IS IMPORTANT.** New business can be accepted as late as the 25th of the month, but special position cannot be guaranteed.

CORRESPONDENCE—We cordially invite letters and articles from all our readers on any subjects of interest or value to the poultry industry. Send in some matter; your experience and observations may be just what some one may be looking for and save them from mistakes and losses you have suffered in the past. If you have something to tell our readers, don't fail to send it in. This is your journal; make good use of it and help to make it useful to others.



Absorbing Poultry Ideas, Louisville, Ky.; Practical Poultry, Birmingham, Ala.; The Poultry Times, Norfolk, Va.; Southern Poultry Magazine, Nashville, Tenn.; The Poultry News, Bustleton, Pa.; Tennessee Poultry Journal, Lebanon, Tenn.; The National Poultry Breeder, Owensboro, Ky.; Everybody's Poultry Journal, Nashville, Tenn.

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BLAIR-YOUNG PUBLISHING CO.
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American National Bank Building
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OFFICERS AND DIRECTORS
COLLINS YOUNG, President and Manager.
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EDITORIAL AND BUSINESS STAFF.
J. GAYLORD BLAIR, Managing Editor. EDW. M. GRAHAM, Associate Editor.
F. A. GOODLIN, Traveling Representative. W. J. SMITH, Artist.

WE ALWAYS STOP THE MAGAZINE at the expiration of the time paid for unless a renewal of subscription is received. Those whose subscriptions have expired must not expect to continue to receive the magazine unless they send the money to pay for it another year.

MISSING NUMBERS—It occasionally happens that numbers of our magazine sent to subscribers are lost or stolen in the mails. In case you do not receive any number when due, write us a postal, and we will cheerfully forward a duplicate of the missing number.

AGENTS WANTED—We want agents to secure subscriptions. Liberal terms and outfit sent on application.

ADVERTISING RATES—\$2.00 an inch. Flat liberal discounts on contracts paid one year in advance.

CLASSIFIED ADVERTISEMENTS—3 cents per word per issue. No advertisement accepted for less than 50 cents, cash in advance.

ABOUT POULTRY PAPERS.

WE ARE printing below part of an editorial that appeared in the October issue of Poultry Culture, of Topeka, Kan. We agree with Mr. McClaskey. In consolidating The Industrious Hen with Poultry Ideas, of Louisville, Ky., Practical Poultry, of Birmingham, Ala., and six other Southern poultry papers, it is our intention to give the South a larger and better poultry paper and cut down the expense for the advertisers and subscribers of these different papers. We trust that more poultry papers will follow this step, as there are too many small poultry papers in the United States today. The editorial follows:

The Industrious Hen, now published at Louisville, Ky., is taking quite a brood unto herself. The Hen recently took over Poultry Ideas, and we are now informed by Editor Blair that Practical Poultry has been consolidated with The Industrious Hen. This eliminates two papers from the Southern field and makes it possible for the breeders of that section to have one good paper devoted to their interests.

There has been too many poultry papers, not only in the South, but in every other section, and most of them have been having a hard time in making both ends meet, especially during the past three years. We are glad that the three papers mentioned in the foregoing have been consolidated, and it would be a good thing if several of the papers in other sections could be united.

While market poultry products represent a large and important industry, yet the poultry papers get only a small per cent of their patronage from the commercial side of the poultry business. The breeders of purebred poultry and the fanciers are the ones who make poultry papers possible, and not many of them are justified in doing very extensive advertising because in most instances their poultry business is a side line, as it should be.

Just a few years ago were boom times in the purebred poultry business, and a good many breeders plunged with their advertising. They used half pages, pages and even double pages, but, alas, like all booms, there came a sudden end. When the end of the boom came it was discovered that the country was full of poultry papers which had sprung into existence because the field looked prosperous. Since then, one by one, the papers of mushroom growth have been slipping out of sight in one way or another.

The poultry papers that were established before the boom days and which were well known among the breeders, have been going right along and they are the ones that

will stay. It is true that the boom days made a lot of bad business for them but all of us have been able to get over the hard places, although the traveling has been pretty rough at times.

It is probably because these established papers present a good appearance that men uninitiated in the poultry paper publishing business even now occasionally get the idea that a poultry paper is a gold mine and break into the business—to their sorrow. But they don't last—for the simple reason that the field is thoroughly covered by the old established papers.

LOUISVILLE SHOW AN ASSURED SUCCESS.

From all indications the Ohio Falls Fanciers' Association Show, to be held in the Louisville Armory, November 24 to December 1, will be one of the biggest shows ever held in Louisville. Inquiries for catalogues are coming in very rapidly. The show will be uniformly cooped and will be judged by H. A. Picket and A. F. Kummer, the two judges having a national reputation for their excellent work.

In addition to the regular poultry show features, the special features will go doubly towards bringing a big entry list and a large gate receiving. Louisville's location, with its fine railroad facilities, makes it central for the great Central West to show their birds. The Louisville Armory is without question one of the best halls in the entire country. The date set for this show is probably the best in the entire year as far as attendance is concerned, as Thanksgiving week is a week of entertainment and people are looking for some place to go.

United States Department of Agriculture Helps in the Cause.

The United States Department of Agriculture is sending their Mr. H. W. Rickey especially to pull off an educational feature Friday afternoon, November 27, which day is to be set aside as childrens' day, the program for which will be as follows:

Friday Afternoon.

Opening Address.
Introduction—"School Children."

Address to Country Children.

Illustrated Lecture—"Poultry Raising:" Mr. H. Rickey, official director of poultry club work in Kentucky, from the United States Department of Agriculture.

Talk—Mr. James Speed, editor of Farm and Family.

Motion Pictures—"Chick Development in Eggs."

Poultry Management of United States Government Agricultural Experiment Station, Washington, D. C.

Friday Evening.

Opening Address.

Illustrated Talk on Poultry—Mr. H. W. Rickey.

"Mating the Breeding Pens"—Judge H. A. Picket, Georgetown, Ind.

"Poultry Judging"—Judge A. F. Kummer, of Pennsylvania.

Demonstration—"Caponizing."

to P. M.—Meeting of Poultrymen at Galt House.

Louisville Kennel Club Shows Great Activity.

The Louisville Kennel Club already has a large membership list, and while it is their intention to show only the best dogs, it looks as though their entry list will reach the two hundred mark. At this writing I am informed there have been pledged over fifty silver cups, to say nothing of cash and merchandise prizes.

The Louisville Pigeon Club, who are also showing with us, will probably have one of the best display of pigeons ever held in this section of the country.

Beautiful Decorations and Displays.

The Armory will be beautifully decorated with flowers for the display by Jacob Schulz; bunting decorations by Rueff-Griffin Decorating Company.

The equipment display will be a special feature of this show, as there has already been a great many feet of booth space sold, and the dealers are showing keen interest believing this will be a grand feature, one exhibitor alone having contracted for fifty feet.

EUGENE J. STRAUS,
President.

Read our special offers on advertising and subscriptions in this issue. The Industrious Hen is the paper for you to have.

OWENSBORO (KY.) POULTRY SHOW.

WE ARE in receipt of a letter from C. E. Carpenter, secretary of the Owensboro Poultry Club, and he says they are expecting between 800 and 1,000 birds, and prospects are very bright for a successful show at Owensboro this year. They have gotten out a very attractive catalogue and have selected dates for holding the show, which are December 1-5, 1914. This should be a large and successful show and we trust that every breeder in this section will show as many birds as possible to help boost this new show, as this is the first poultry show that Owensboro has had for the past ten years. If you will write the secretary he will be glad to mail you catalogue and entry blanks, and we hope that you will enter just as many birds as you possibly can, as you will find that a winning at the Owensboro Poultry Show will be splendid value to you in advertising your birds and making sales. They are offering a large number of silver cups, cash specials, special ribbons, merchandise specials, etc.

Did you get a catalog of the Armory Show at Louisville, Thanksgiving week? If not, write for it today. Don't miss the Great Armory Show. Entries positively close November 16. Address A. W. Haller, secretary, Louisville, Ky.

When in Chicago Make Your Headquarters at the Hotel Sherman.

If you are in Chicago any time in the near future you should by all means stop at the Hotel Sherman, for we know you can get better service at less cost than any other hotel in the city of Chicago. You will remember that the American Poultry Association convention was held there last August, and this was the poultryman's headquarters. We all had ideal service and accommodations and I think the Hotel Sherman will always be remembered by every member present for many years to come.

Chicago is to have two large poultry shows this winter. The first is to be held December 11-16, 1914, and the second some time in January. If you attend either of these large shows, you will find most of your friends at the Hotel Sherman. It is the poultryman's headquarters.

NOTES AND COMMENT.

[D. R. McBrayer.]

NOVEMBER, the month in which comes that day when separated families are re-united, when we recount the blessings of the year, when thanks silent or audible are rendered for the blessings that have come into our lives, the day known to us as Thanksgiving day. It is good for us to give thanks because it causes us to look back into our past lives and realize more fully our dependence upon the giver of every good and perfect gift. It seems to me that we now have more for which to be thankful than for many years. While it may seem to us that times are a little hard

and business conditions are not what we would have them be, we should reconsider and be thankful that it is as well with us as it is, for we are surely in a much better condition than our friends over the water, who are engaged from day to day in a deadly struggle among themselves. So let us make up our minds to make the most of the opportunities that are about us and better times will soon be ours.

Dr. Woods, editor of the American Poultry Journal, expresses our sentiments in the following taken from the October number of the American: "If those who promote militarism and declare war were only obliged to take first place in the firing line at the first call, then we might expect a long and lasting peace. It is a great pity that those who make war, and throw thousands of willing and obedient men into the jaws of death, always seem to suffer least from the awful consequences."

In another week or two the winter shows will be in full sway in the South. We expect to attend several of the more important ones and hope to give our readers a report of the ones that we attend.

If you have never shown your birds, then this winter is the time for you to make a start. You owe it to your business to show your birds and if you do not, how will the public ever know what you have? If you don't make a clean-up at your first attempt it will give you a start and this we have all had to make. You will then stand a much better chance of winning next year for you will have gained a lot of experience, which you can use to advantage in getting your birds ready for the next engagement.

It is encouraging to note that nearly all of the big poultry events will be staged in England in spite of the war. According to the English poultry press the British are less disturbed over the great European conflict than Americans.—Poultry Item.

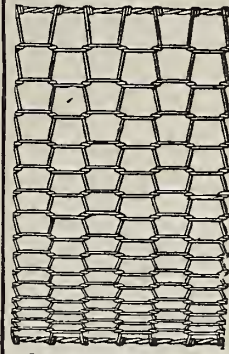
The new cover design which this paper put on for the October number

is a decided improvement over the old one. This new cover is quite attractive and makes The Hen one of the most attractive journals in the States. We see no reason why The Hen should not grow into the best poultry journal in the States. She has a great field to cover, and easily the best adapted one to poultry culture in the United States. Let us all lend our "mite" toward making The Industrious Hen the best poultry journal in the country.

The closer to nature we stay in rearing our chicks, the more apt we are to have success; this fact was forcibly impressed by the following little incident which I will relate: Several weeks since one of our hens which had just reared a brood of chicks disappeared. We suspected that she had stolen a nest and was preparing to bring forth another brood of chicks, but to our surprise after waiting the usual time allowed for incubation, biddy did not show up. Yesterday, to my surprise, she showed up from a somewhat distant body of woods with as fine a brood of apparently six weeks old chicks as you ever saw, every one a picture of health. They had been reared on such as the mother hen could find in the woods.

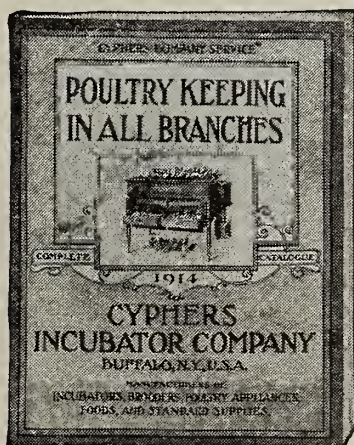
Write for a copy of the catalog of the Great Armory Show. Entries close November 16, 1914, at 12 p. m. A. W. Haller, secretary, Louisville, Ky.

POULTRY FENCE



22½ cts. a rod
48 inches high. Has 4½ inch mesh and graduated spacing of line wires from 1½ at bottom to 3½ inches at top. Fewer posts and no base board or top rail required.

STRETCHES UP LIKE A FARM FENCE.
27½ c. for a 48-inch combined Poultry and Stock Fence made of heavier wire and having 6-inch mesh. From Factory Direct to Consumer. 100 styles and heights of Poultry, Farm and Lawn Fence. Catalog FREE. Box 253 **KITSELMAN BROS. Muncie, Ind.**



244-Page Poultry Book FREE for the Asking

Tells you just what to do in every phase of the poultry business. Eliminates your troubles. Insures success. Cyphers Company "Poultry Keeping in All Branches." Written by poultry experts, based on actual experiences on Cyphers \$75,000 Poultry and Demonstration Farm. It's like a friend right at your elbow at all times, giving advice, counseling and pointing the way to certain money-making success. This book lists, shows pictures, describes and prices poultry supplies to cover every possible need.

Everything for Poultry Keepers

Incubators	Chick Food	Short-Cut Alfalfa
Brooders	Developing Food	Mealed Alfalfa
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Grit & Shell Boxes	Wire Fencing	Root Cutters
Food & Water Holders		
Pigeon Supplies		
Lice Powder		
Roost Supports		

Ask for books, "Poultry Foods and Feeding," and "Cyphers Company Doctor Book." Sent FREE with the big 1914 book. Write today.

Cyphers Incubator Company

Dept. 13

Buffalo, N. Y.



Under this heading "Pick Ups Here and There," we will give our readers each month clippings from our exchanges that we think will interest them.

Pullets as Fall Layers.

The pullets that are inclined to lay eggs in winter should begin early and it will not do to allow them to become too fat or to take heavy colds from cracks or drafts in the poultry house. It is an excellent time to make meat a large portion of their food and the poultry house must be repaired, so as to be made warm before cold weather begins. The cheapest meat is the neck, which can be cut up and boiled for them. If they can be induced to begin laying in November, they will lay until spring, provided they do not get frosted combs. The hen house must be free from vermin, and made as comfortable for the fowls as possible.

The Dust Bath.

It is absolutely necessary to have a dust bath for the hens in the winter. The dust bath is the toilet of the hen. She cleans her body by its use, and keeps lice away. If you did not follow our advice and lay in a supply of dry dirt for winter use, then you will find coal ashes the best substitute, but they must be sifted twice, so as to remove all of the coarse portions, and have that intended for use as fine as dust.

Worth the Price.

Did we hear some one say that they "were getting so many journals and farm papers that they did not care for another?" They didn't have time to read them, anyway. This is a common excuse given to the subscription solicitor. But we dare say that if these people would figure up, they would be surprised to see how little money they were spending for good farm and poultry literature. There are some good things in all journals, and a single idea secured from one of them is worth the price of a dozen of them. The fact is, that when a journal can be secured for from twenty-five to fifty cents a year it is an investment that will bring returns entirely out of proportion to its cost.

Feeding Cottonseed Meal.

If cottonseed meal is fed it should be given moderately. A teaspoonful three times a week for each hen is ample, while linseed meal may be given daily. Care should be taken,

however, in giving these foods, as they are capable of fattening fowls rapidly, although also highly nitrogenous. Linseed meal is excellent for molting hens. It not only assists in shedding the feathers, but also invigorates the hens. Bone meal may be allowed at the same time, as it is easily utilized as a food. Thus assisting to build up a bone structure.

A little permanganate of potash in the water will help to protect the birds against colds and roup. It is antiseptic and precipitant, and clears the nostrils from the secretions which, if allowed to gather, make a slight cold worse.

Color of the Shells.

It is a mistake to keep more fowls than can be accommodated, simply to wait for the warm weather of spring for them to begin laying. Cull out all the unprofitable members of the flock. Many who buy eggs give the preference to the color of shells. In some cities eggs with dark shells are preferred, while in others the preference is for the white eggs. There is also a prejudice on the part of some against pale yolks. Experiments show that the color of the shell has no influence whatever on the quality of the eggs, and that the color of the yolk depends upon the food. Yellow corn, carrots and clover will give color to the yolk of the egg, but a yellow yolk is not

richer than a pale one. The fact that a perfect chick can be hatched from a pale yolk egg as well as from a yellow yolk egg is evidence that the contents of both are alike.

Crop-Bound.

Should a fowl become crop-bound, work the crop well with the hand and endeavor to force away the obstruction in the passageway to the gizzard. Should this fail, draw the skin to one side, and cut the crop sufficiently to relieve it of the contents. Sew up the wound with silk, tying each stitch and the fowl will not be seriously damaged. After the cutting be sure that the obstruction in the passage is removed as well as the contents of the crop.

Does your subscription expire this month? You had better send in your renewal at once and get The Industrious Hen during the coming year.

Wendell's
SANITARY
POULTRY SUPPLIES
INCUBATORS, BROODERS, NON-FREEZING
FOUNTAINS, FEEDERS, OAT SPROUTERS
AND 60 MORE LABOR SAVING ARTICLES
FOR THE PRACTICAL POULTRY MAN
GET OUR BIG FREE BOOK ADDRESS

AN EGG
IS 73%
WATER

Your Hen
Must have warm
water in the winter

This fountain will warm the water and keep the grain warm, it also will keep the frost out of a small sized hen house. We have **FIRELESS FOUNTAINS** that keep the water warm without a lamp, get our **FREE BOOK HOW TO GET EGGS IN WINTER.**

WENDELL INCUBATOR CO. HOLLY, MICH

GENUINE DOUBLE GALVANIZED WIRE FENCING

"Pittsburgh Perfect" Poultry Fences outlast "cheap" fences or netting by years, yet costs no more. Easy to erect. Fewer posts needed. No top or bottom boards required. 31 different designs, heights and weights. Absolutely protects the smallest chickens, as well as the largest, from prowling, destructive animals.

"PITTSBURGH PERFECT"
Poultry and Garden Fences
are made of tough, strong, durable Open Hearth Wire, GENUINELY DOUBLE GALVANIZED by our new, exclusive process. All joints **WELDED BY ELECTRICITY.** The best looking, most effective and economical fencing made. **EVERY ROD GUARANTEED.**

Sold by dealers everywhere
Write for new, **FREE Catalogue No. P 44**
Pittsburgh Steel Co., Pittsburgh, Pa.
New York Chicago Duluth St. Louis Memphis Dallas

DIXIES QUALITY STRAIN WHITE WYANDOTTES

Were the SENSATION of the great Tri-State Poultry Show, WINNING 24 out of 25 regular prizes in competition with Wyandottes from FIVE STATES. SWEEPSTAKES of \$75.00 in GOLD and numerous cash and cup SPECIALS. They also WON the week following at Jackson, Tenn., and FORT WORTH, TEXAS. Can furnish you GUARANTEED WINNERS for the hottest competition. Breeding cockerels that will produce heavy winter layers hatched from QUALITY MATINGS, \$2.50 and up.

CARRINGTON JONES,

BOX 145

BUNTYN, TENN.

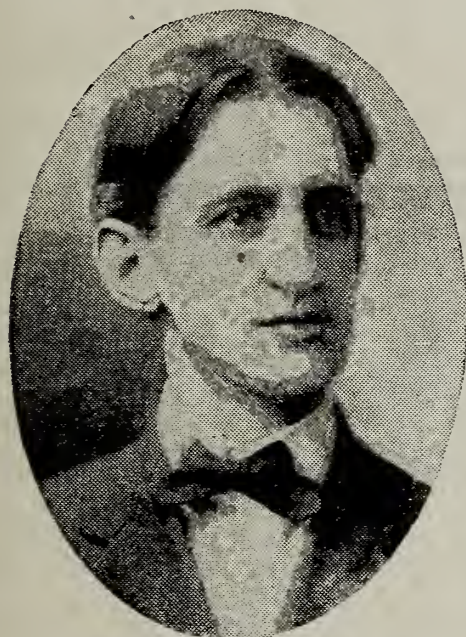
POULTRY RAISERS' MEETING AT END.

All Old Officers of the Association Re-elected at the Final Session.

AFTER re-electing all old officers, the Southern Poultry and Egg Shippers' Association brought their annual session to a close October 26th. Officers re-elected were: O. P. Barry, Alexandria, Tenn., president; S. Cristal, Bowling Green, Ky., vice-president; Norman I. Taylor, Burnside, Ky., treasurer, and A. M. Cochran, Nashville, Tenn., secretary.

That the object of the association is a greater production of high-grade poultry and eggs was expressed in the paper of H. W. Rickey, State Agent for Kentucky of the Poultry Investigation Division of the Department of Agriculture. Mr. Rickey was not present, but his paper was read by Secretary Cochran.

Speaking of organization of boys



Judge A. F. Kummer, Butler, Pa.

One of the Judges at the Great Armory Show, November 25 to December 1, 1914.

and girls in Daviess, Muhlenberg, Pulaski and Hopkins counties, Mr. Rickey said: "Our object only can be attained by educating the farmer to a realization of the importance of poultry raising as a branch of agriculture and by encouraging him to greater effort as regards increased production." He said that by organizing boys and girls clubs, they are endeavoring to reach the farmers.

Miss Mary E. Pennington, chief of the Food Research Laboratory of the Chemistry Department of the United States Department of Agriculture, read a paper on the advantage of co-operation among farmers and poultry raisers. Several addresses were made. —Louisville Herald.

The Blue Ointment Cure.

New things should be adopted with caution, even if they do emanate from an experiment station. The advice to mix blue ointment with an equal quantity of vaseline and apply a small amount beneath the vent of fowls to kill lice, when properly followed is no doubt efficacious, but one should know what he is doing. A man wrote me a pitiful letter stating that he had used

this remedy exactly as given out and the result was that it had killed thirty of his best hens. He treated more than this number and some were not badly effected, but those which came out apparently all right were as lousy as ever at the end of a week. Blue ointment has been largely used for many years on the Pacific Coast, but the method there employed is to mix a pound of the ointment with a gallon of lard and apply to several places on the bird. Thus diluted there is very little danger, but it is not nearly as effective as the stronger application.

With wheat, oats and corn selling at the present figures, it is up to us all to get the best possible results from such of it as we do use. By giving our birds a liberal amount of good succulent greens we could all cut our grain bill down considerably, and, too, without scarcely any expense. All it requires to have a good supply of green food at all times here in the South is a little effort on our part, and it seems to me that we should get busy. We should also study the markets and by having our products in an attractive condition when we

market them, realize the highest prices. Remember that the difference in the cost of production and the selling price is our profit, so let us produce as cheaply as possible and market to the best advantage.

BE CONVINCED!

DON'T fail to read some of the short letters from some of our subscribers and advertisers. Want of space prevents us from printing more in this issue. They appear in this number. If they don't convince you of The Hen's usefulness to the poultryman we will gladly furnish you with hundreds of just such letters recently received. Better still, try an ad. with The Industrious Hen next month and profit by your test.

WHITE WYANDOTTES

See my birds at the great Chattanooga Show and Georgia State Fair at Macon. Please mention where you saw this ad.

C. A. ADAMS, Fairburn, Georgia

SILVER WYANDOTTES

My birds are first in beauty and first in utility. Have competed for 129 prizes and won 121 in past four years. Can furnish winners for any show.

POPE M. LONG, CORDOVA, ALA.

LIVELY WHITE ORPINGTONS

"LAY LIVELY LOOK LOVELY"

WINNINGS, Augusta, October, 1914: 1st pen, 1st cock, 1st and 2d cockerel, 4th pullet. All pens headed by PRIZE WINNERS. EGGS, \$2, \$5 and \$10, setting, fifteen. Baby chicks, 25c, 50c and \$1. For stock and exhibition birds, write us. Heavy winter layers. Early birds win the blue. Start now. Write us. Money in Orpingtons.

LIVELY POULTRY FARM,

AUGUSTA, GA.



Barred Plymouth Rocks

BUY your exhibition and breeding birds from us. No matter what you pay, no one can furnish you better size and quality than we can. We are specialists in Barred Rocks, have bred them in large numbers for twenty-three years and can give you selection no small breeder possibly can. Our quality is wonderful, yet our prices are the lowest of any of the big breeders.

Winners at Chicago, Indianapolis, Memphis, Louisville, Nashville, Knoxville

If you are interested in fine Barred Plymouth Rocks, write us, and we will send you the handsomest and most complete catalogue published of this breed. You will make a great mistake if you place order before getting our prices and catalogue No. 7

POPE & POPE, Box H, Louisville, Kentucky

You Make No Mistake When Feeding Shur-pleez to your Birds



A GOOD Chicken Feed is most important. It cuts into costs and increases your profits. Successful poultrymen carefully look for the name **Shur-pleez** on the tag of each sack. They require the very best feed for their birds. **Shur-pleez** on the tag is your buy word.

RITTER-HENNINGS CO.

Incorporated

14TH AND MAIN STS. LOUISVILLE

We also have in Stock

KAFFIR CORN
BUCK WHEAT
COW PEAS
WHEAT, OATS
CORN, BRAN
REMEDIES
FOUNTAINS

SPRAYERS, FEEDERS

Kentucky Poultry Association News

FEW breeders realize the importance of being members of the Kentucky Poultry Association or the specialty club of the breed they represent. If they did they would join and do their share of building up the industry of the State.

The Kentucky Poultry Association has been in existence for several years yet its membership is comparatively small. On the other hand, we should boast of one of the largest associations in the country. Some breeders are willing to sit by and reap the benefits of the work done by others. In numbers there is strength. If the breeders of Kentucky would only get together through the Kentucky Poultry Association and each one do their share, we would have one of the best organizations in the country. Membership dues are one dollar a year and places you in a position so you can compete for specials at the various shows. Send your dollar today to J. Gaylord Blair, secretary, 26 American National Bank Building, Louisville, Ky. Membership is not confined to residents of the State of Kentucky, but to every State in the Union.

The Kentucky Poultry Association gives cash specials at several of the late fall and winter shows, and they are worth winning. Send in your name today so you can be in a position to compete for them.

The various local organizations are requested to work up a membership and the money paid in by new members will be given to their show for cash prizes.

Five dollars in gold will be offered by the Kentucky Poultry Association at some of the winter shows on each cock, hen, cockerel, pullet and pen, or twenty-five dollars.

We want a membership of five hundred by the time the next State Fair Show arrives, so get busy and do your part.

Remember, dues one dollar per year. Send this amount today to J. Gaylord Blair, American National Bank Building, Louisville, Ky., before you forget.

The next meeting of the Kentucky Poultry Association will be held with the Ohio Falls Fanciers' Association, on Friday, November 27, 1914, 3 p. m., at the Armory, Louisville, Ky. We want to see every member present that can possibly make it a point to be there. We ask all the members to support this show and send as large a string of birds as you can and help boost the industry in old Kentucky.

If you have a friend or neighbor who is breeding poultry, ask him to join the Kentucky Poultry Association and this will help us reach the five hundred mark. If every member we have now would send in just one new member, just think how the membership would increase!

The Kentucky State Poultry Show will be held at Lexington, from January 4-9, 1915, and this promises to be a great show and much larger than the show held last year. The show held last year during Farmers' Week attracted a lot of attention and was the cause of many farmers discarding the old mongrel and taking up some purebred bird for his farm flock. Exhibitors reported good sales and at good prices.

Killing Lice and Mites.

The poultryman who is in business for profit knows that lice and mites about the poultry house are not only an annoyance but a heavy expense. Chickens infested with these pests are a source of continual loss. Do you know about "Licecil?" The best recommendation for any product is the endorsement of those who have used it. The readers of The Industrious Hen will be interested in the new advertisement which appears in this issue for "Licecil," a lice and mite destroyer which is highly recommended.

Mrs. Will F. Dennis, Elwood, Ind., has this to say: "Enclosed find check to pay for a bottle of 'Licecil.' I have used your 'Licecil'

for two years and find it all you claim for it." The W. H. Metzger Mfg. Co., Dept. 42, Quincy, Ill., have hundreds of letters that read like this one. If you have lice and mite troubles from which you wish relief, look up their advertisement elsewhere in this issue and write them today.

Continue to Win.

Following a very successful winning at the Kentucky State Fair, W. B. Jenkins, of Glendale, Ky., makes a great show at the Pennyroyal Fair, held at Hopkinsville, September 29 to October 4, 1914, where he won with his "Oaklawn Strain" White Plymouth Rocks, eight ties on eight entries, winning first and second hen, first and fifth pullet, third and fourth cock. He is offering some real bargains in stock to reduce his flock for the winter. Look up advertisement and write him for prices.

The greatest poultry show in the South will be held at the Armory in Louisville, Ky., Thanksgiving week. Don't overlook the dates and be sure to send some of your best birds.

THOMPSON'S ROSE COMB REDS

"Sensation" Strain, Royal Reds, winners over all in Red class, 153 Reds in largest show in State. First on cockerel, pullet and pen, special for best Red cockerel in show. Lot of fine cockerels for sale. Write for prices.

D. MATT THOMPSON, Box B, Statesville, N. C.

STOP That Awful Waste of Good Eggs!



A good incubator hatches 100%. If you're getting less you're wasting eggs. Some other incubators may hatch 100%; the "BUCKEYE" must. We absolutely guarantee it to hatch every hatchable egg.

Prove the "BUCKEYE" yourself at our risk. We let you try it 40 days. If it doesn't hatch 100% of all hatchable eggs we fulfill our guarantee without any argument. "BUCKEYES" are now priced

As Low As \$7.50

east of Rockies and north of Texas. A little higher in the west.

"BUCKEYE" INCUBATOR

Guaranteed to Hatch 100% Every Hatchable Egg

Try it right at home. If it doesn't hatch every hatchable egg send it back at our expense. You can't lose on this offer. We take all the risk.

Nearly half a million "BUCKEYES" are in successful operation. Over 1100 dealers. This shows where the "BUCKEYE" stands.

When you get the ordinary incubator you take a chance. Even the makers don't promise you more than 60% or

70% hatches. We guarantee 100%, not once or twice but all the time and every time. Stop wasting eggs with undependable incubators or hens that leave the nest.

Makes no difference whether you're a breeder or only a beginner, we want you to try the "BUCKEYE." Any of the six sizes, 60 to 600 egg capacity. See how easy it is to get a strong healthy chick from every hatchable egg. Absolutely guaranteed.

"Making Money the Buckeye Way"—Valuable Poultry Book Free.

Tells how to select eggs, how to handle incubators and how to raise chicks after they're hatched. Tells the wonderful success others have had with the "BUCKEYE" and explains why we are able to guarantee one hundred per cent. hatches for professional and amateur alike. We send it FREE together with our complete catalog of incubators and brooders and name of nearest dealer so you can see the "BUCKEYE." Write

THE BUCKEYE INCUBATOR CO., 525 Euclid Avenue, Springfield, Ohio



Now \$7.50
for 60 Egg size

Made in six sizes
60 to 600-egg capacity

GUARD AGAINST DISEASE.

Roup and Chicken pox Outbreaks Reported from Many Sections.

Reports from various quarters indicate that there has been rather more than the usual run of poultry diseases this fall. Roup is most general of all, and as usual, is gathering its heavy toll of chicken life.

In the East and South chickenpox or sorehead, as it is called in the South, has broken out with unusual severity. Both these diseases are to be expected at this season, and unless extra precautions are observed in the way of thorough disinfecting and giving preventive remedies, one need not be surprised if there is an outbreak among his chickens. Well-known remedies for these diseases are Pratts Roup Remedy and Pratts Sorehead Chickenpox Remedy, both of which are guaranteed to cure or the cost of the remedy will be refunded.

If chickenpox or roup is in your neighborhood these remedies should be used anyway, as they are sure preventives.

For disinfecting purposes, Pratts Poultry Disinfectant is unequalled and its price—about a penny a gallon when diluted with water—is so low that frequent spraying, which should be the rule in every poultry yard, can be made a weekly practice. If this is done, lice, mites and the germs of disease are not likely to prove troublesome.

At this time, when there are outbreaks of these contagious diseases it is of even greater importance to maintain healthy, thrifty stock. Good health is one of the best disease resisters in poultry as in man. Heavy feeding for eggs is so general a practice that a dependable regulator is almost as essential as the mash itself. Indeed it should be part of every mash whether designed for developing, laying, moulting or fattening.

To show how this should be done, here is a laying mash used at the Pratt Experiment Station, of Morton, Pa.: 20 lbs. bran, 10 lbs. middlings, 10 lbs. corn meal, 10 lbs. ground oats, 10 lbs. beef scrap, 5 lbs. oil meal and one-third of a 50-cent package of Pratts Poultry Regulator. Pratts Regulators and Remedies have acquired their splendid reputation by nearly half a century's use. They were the first to guarantee to give money back if users were not satisfied. Today they are the one line with a world-wide use and in this country alone are handled by nearly 40,000 dealers. If you do not know the Pratt dealer near you, write to the nearest office of the Pratt Food Co., Philadelphia, Chicago, Toronto, and your request will be given prompt business-like attention.

THE POULTRY HOUSE.

The only house that is suited for poultry is one with a dry interior. No one can succeed in keeping hens that produce eggs if they are kept in houses that have damp floors and therefore damp interiors, or in houses that are not clean and therefore more or less infected with insect vermin. Whenever there is dampness within a

house, the hens suffer from cold, the floors will be filthy, the interior of the house will be unfit for the hens to live in, and insect vermin will grow quickly under such conditions.

Sunlight, fresh air and perfect dryness are essential for success in poultrykeeping; they are the surest remedies against disease. The hens that are kept under such conditions are apt to be profitable, whereas those that are kept under adverse conditions are sure to prove a disappointment and a failure so far as egg production is concerned.

The style, shape or size of the building is of least importance, no matter of what kind or character the house in which hens may be kept. They will not be a success unless the sun can shine into the interior of the house clear to the remote corners during the coldest days of winter, and in addition there must be proper ventilation. Proper ventilation means that there shall be sufficient air and sun to keep the interior of the house perfectly dry and free from poisonous odors and from draughts, for while the hen can live and prosper in the most extreme

type of open-front house, they cannot do so in the most medium type of open-front house where dampness and filth prevail.

Another mistake that is frequently made is in the selection of the kind of fowls to be kept. First of all it should be thoroughly well understood that there is no best kind of fowl, but that any breed or variety will be best for those who like them best. Always select the kind of fowls you prefer and care for them faithfully, with a determination to succeed and never imagine that there is any possibility of any other kind of fowls being better than your own, for as sure as you take proper care of fowls of any variety, just so sure will you succeed with and make a profit from them.—Exchange.

NOTICE TO THE SUBSCRIBERS

We have in this Journal an ad. We will give five dollars in gold to the person guessing the correct or nearest correct number of booklets and bulletins of Farms for Sale asked for as a result of this ad. Guesses must be sent to the : : : :

ENTERPRISE REAL ESTATE CO.,

Huntsville, Ala.

—BUFF PLYMOUTH ROCK COCKERELS—

From vigorous prize-winning birds. Price \$1.50 and \$3.00 each.

W. F. O'REAR,

Asheville, North Carolina

108 EGGS IN 108 CONSECUTIVE DAYS

We want to tell you about our White Indian Runner Duck with above record. A fine lot of drakes and a few of her ducks for sale. Can furnish trios not akin also. S. C. WHITE LEGHORN and WHITE ORPINGTON cockerels. Circular free.

C. & N. CLEAVES

TIMEWELL, ILLINOIS

S. C. WHITE LEGHORNS

I breed S. C. White Leghorns, the Money-Makers. Why waste time on other breeds when you can buy stock from me that will lay and pay. I have a few choice cockerels from great Winter layers for \$5 each. Other bargains in pairs, trios or pens in old or young stock. Buy before the price advances or the best sold. Money back if not satisfied.

Lay-a-Lot Leghorn Yards,

MRS. T. H. FARMER, Prop.,

Shelbyville, Ky.

Weis

Your FILING DESK becomes

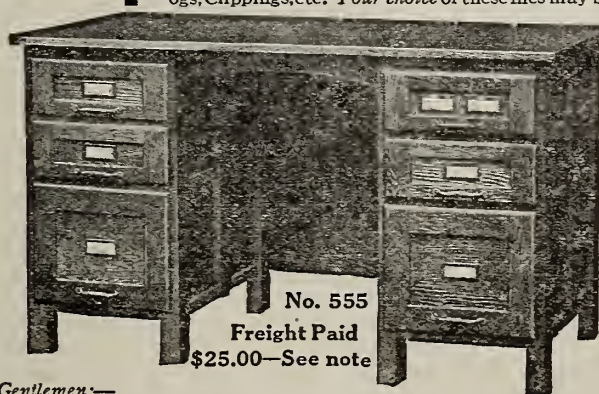
THE CENTER OF YOUR OFFICE SYSTEM

All data indexed in Filing Drawers at your elbow

There are 10 kinds of drawers for filing Index Cards, Letters, Catalogs, Clippings, etc. Your choice of these files may be arranged as you want them.

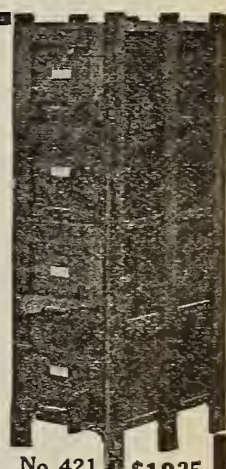
Solid Oak, Handsomely Finished Golden, Natural or Weathered. Top 28x52. Drawers on Rollers.

Practical Build—Enormous Capacity and Ease of Reference commend this file to you. All Solid Oak, so put together that it is almost wearproof. Roller Bearing Dust Proof drawers have follow blocks and full height sides. As efficient and serviceable as any file at any price. Capacity 20,000 letters. Golden, Natural, Weathered finish—freight paid. See note—\$13.25.



No. 555

Freight Paid
\$25.00—See note



No. 421
Freight Paid
\$13.25
See note

A SERVANT AT YOUR ELBOW

Weis Swinging Desk Stand

Swings and Locks into position when wanted. Swings out of way when not in use. Strong, Staunch, Solid. Does not vibrate. Oak Top 14x18. Black Enameled Metal parts. By Parcel Post. \$3.50 anywhere in U. S.

NOTE: We pay freight on Desk and Cabinet at prices quoted to Ry. Stations in Eastern and Central States. Consistent prices in West and South.

HELPFUL BOOKLET

"Filing Suggestions" sent with Catalog "F" of Time Saving Office Devices. Catalog "H" shows 2 kinds Expansive Bookcases—Free.

\$350
Del'd
in U. S.

The *Weis* Manufacturing Co.

172 Union St., Monroe, Mich.

New York Office - - - 75 John St.

Just say you saw it in The Industrious Hen.



This department is conducted by the J. A. Thornhill, New Decatur, Ala. If your birds are sick, write him; he will tell you through this department where your trouble lies. If you want a personal reply, send stamped envelope.

Tuberculosis.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: I have a Buff Wyandotte hen two years old that is "going light" and I am at a loss to know what to do for her and what the trouble really is. She has very little appetite and little energy to move about but will sit in one position all day long. When you pick her up she is light and seems nothing but skin and bones. Please let me hear through the columns of the next issue of The Industrious Hen what the trouble is and what treatment I can give her. Very truly yours,
Lexington, Tenn. J. G. B.

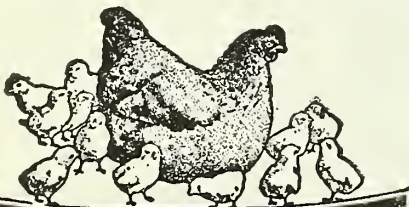
ANSWER.—Your hen is suffering from tuberculosis and the best thing for you to do is to kill and cremate her at once. You know this dreaded disease is very contagious and if you let her run with your well birds the disease will run through your entire flock within a short time. Use a good disinfectant in all the drinking vessels, houses, coops, etc., and use every effort to keep the dreaded disease confined to this one bird. Never try to treat a bird with this disease for you are taking too much of a chance even if the bird is a valuable one.

Diarrhea.

Editor The Industrious Hen,
Louisville, Ky.

We are troubled with our hens. After they are allowed to set for a day or two they develop an awful diarrhea. We don't think they are overfat. We feed light feed, commercial hen feed in morning, in deep litter, mash at noon, and good feed, clipped oats, about 5 p. m. on litter but not raked in; plenty fresh water, grit, oyster shell, etc., in runs. Please let us know what we can do to eliminate this. We have bred poultry almost a lifetime, but have never seen hens effected in this way before. Thanking you in advance for this and trusting that you will favor us with an early reply, assuring you of our willingness to reciprocate at any time you may suggest. We are yours truly,
Paris, Tenn. W. B. F.

ANSWER.—For sick setting hens, cut out the mash food and allow them nothing but whole corn, grit, charcoal, fresh water and a box of dusting material. Setters shouldn't leave their nests for food but once a day, which should be where they can get it at will. Keep them free of lice and mites with insect powders. For the diarrhea, add to their drink-



ZENOLEUM

ONE GALLON
\$1.50 Post Paid.

ing water a small piece of "Red Oak" bark or enough tannic acid to slightly acid the water.

Various Questions.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: Please find enclosed stamped envelope and we would appreciate very much if you could give us some information on the following described diseases: We find that our chickens become affected from the age of two weeks to three months. Their eyes begin to water and then a white flake forms under the upper lid that is very tough. The pupil of the eye turns a grayish color and they seem to go blind. The disease does not seem to affect their appetite for they eat as long as they can see how to eat. After they have been affected for two or three days, their eyelids swell and entirely closes the eye.

The conditions under which our chickens are raised are as follows: They are hatched in hot water incubators kept steadily at a temperature of 103 degrees and are left in incubator twenty-four hours after hatching. They are then moved to the brooder house where the hover temperature is kept about 90 degrees which is heated by hot water pipes running through hovers. The brooders have a concrete floor which is kept covered with sand. They are fed nothing for the first thirty-six to forty-eight hours, then they are started on wheat bran and rolled oats. After four days of age they are fed a little commercial chick feed, scattered in their litter. We keep a dry mash, three parts wheat bran, one part corn, before them all the time, composed of hearts, one part alfalfa meal, one-fourth part beef scraps. They are fed sprouted oats, clipped short, every day. They have access to open runs when weather is permissible. We keep fifty chicks to each brooder, which is two by three feet, with an inside run of three by seven, and outside run of three by fourteen.
H. W. B.

Alexandria, Tenn.

ANSWER.—Too much heat in the brooder will cause eye troubles similar to what your chicks have. The trouble with yours though is catarrhal colds. Supply plenty fresh air. Try giving twenty drops spirits camphor dropped on a little sugar and then dissolve the whole in a quart of drinking water. Dissolve a teaspoonful boric acid in a pint of warm water and use the solution to bathe the sore eyes. Indigestion effects the eyes too, but you failed to mention the condition of your chicks' bowels, so can't decide on that.

Would cut out the wheat bran and rolled oats, and feed the commercial food or stale bread or pin-head oats or pearl grits for the first two weeks—not more at a time than they will clean up quickly. Better to keep them a little hungry for the first two weeks and well than overfed and sickly. Chicks don't need animal food for the first ten days or two weeks. After two weeks old, your dry mash kept before them should prove quite satisfactory. Coarse wheat bran should not be fed

too heavily to small chicks, as it is liable to cause indigestion. Frequently change the diet of chicks. A steady diet will frequently cause them to lose their appetites.

I find ten to fifteen drops of carbolic acid in a pint of drinking water is beneficial to chick health.

Ruptured.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: Can you tell me what is the trouble with a valuable Barred Rock pullet of mine and send me a cure? She was apparently well in the morning and at feeding time in the evening her vent had turned wrong side out. She is well and doesn't seem to suffer. I have noticed several bloody shelled eggs among the collections the past several days. The parts protruding are very red but no blood runs from it. Very truly,
Burnside, Ky. J. T. T.

ANSWER.—Your pullet is ruptured, which is due to overfeeding or feeding on too fattening foods. In trying to expel the egg the pullet had to strain too much on account of too much fat along the egg channel. It will be a difficult matter to affect a cure, and if accomplished, the pullet wouldn't be apt to be a good breeder. Some recommend bathing the affected part with warm water, after which apply diluted glycerine and with the fingers gently work the parts back.

Chickenpox, Etc.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: Will you please answer the following questions for me in the next issue of

LICECIL Kills Lice

Put a few drops in nests and corners and hang bottle in coop. No painting, dipping or dusting. Powerful vapors penetrate feathers, cracks and crevices everywhere, destroying insects. Will not injure chicks. Send at once for free circular and letters from users of this wonderful compound. Bottle prepaid only 50 cents. Money back if it fails. Agents Wanted.

METZGER MFG. CO. Dept. 42, Quincy, Ill.

CONKEY
AN
URE
ANKER

At last we
have discovered a Rem-
edy that quickly cures Can-
ker.

This new product of the Conkey Laboratories is the most important poultry remedy that has ever been perfected since Conkey's Roup Remedy was introduced twenty years ago.

Conkey's Canker Special

allays the fever, kills the roots of the Canker, reduces the cankerous growth and quickly brings the birds back to normal without a blemish.

Also fine for "show room" colds, or when used in conjunction with Conkey's Roup Remedy in treating individual cases of Roup.

Send 50c for a Bottle today and remember this — A Conkey Poultry, Sick or Dog Remedy must give you satisfaction or we return your money. That is a real guarantee.

GET THIS BOOK Our new Poultry Book tells how to detect, prevent and cure poultry ills. Every poultry owner needs it. Send 10c in stamps and we will enclose our CASH VALUE Coupon—something new.

THE G. E. CONKEY COMPANY
1011 Conkey Bldg., Cleveland, O.



KILLS LICE—CLEANSES—PURIFIES—DISINFECTS—NO NAPHTHA—NO GASOLINE—NO BURNS—NO POISON

One gallon of this famous antiseptic, disinfectant and lice killer—ZENOLEUM—making two barrels or 100 gallons of solution, sent parcel post \$1.50. SAVE YOUR POULTRY. Give them a chance to produce. Use Zenoleum. Recommended by the leading writers and authorities. Also by 50 State Agricultural Colleges and the leading poultry fanciers of the world.

Gallon \$1.50, Quart 50c, Small Can 35c, parcel post paid. Zenoleum Lice Powder, Large Package, 35c delivered.

Send for free poultry life insurance policy.

THE ZENNER DISINFECTANT CO.

301 Lafayette Street, Detroit, Mich.

Just say you saw it in The Industrious Hen.

your paper? (1) Is chickenpox contagious, and can it be contracted while birds are in the show room? (2) What is the best month in the year for hatching Orpington and Plymouth Rocks for making early show birds to win in the fall fairs? (3) Are Buff Orpington ducks considered good layers? Yours truly,
Asheville, N. C. N. M. McC.

ANSWERS.—(1) Chickenpox is very contagious and can be contracted while in the show room; in fact this is generally where it is first scattered and so many get it into their flocks. (2) January and February are the best months for hatching Orpingtons and Plymouth Rocks. Birds hatched at this time if pushed and given the right kind of feed and attention should reach standard weight by September 1st. (3) Yes, Buff ducks are considered good layers and an excellent general purpose duck.

October 9, 1914.
The Industrious Hen,
Louisville, Ky.

Gentlemen: I enclose check as per statement, also copy for November issue. You may discontinue classified ad. I want to congratulate you upon your efforts to give Kentucky and the South a real live poultry journal. We can certainly point to The Industrious Hen with a great deal of pride. Wishing you continued success in this uncultivated field, I beg to remain,
Respectfully yours,
P. M. BEARD.

The Western North Carolina Poultry Association will hold its next annual show at Shelby, N. C., December 1, 2, 3, 4, 1914. We expect to see staged at Shelby on the above dates one of the best shows held in this part of the country. We know personally the men who are at the back of this show and know that they are going to put on a first class show. R. L. Simmons, of Charlotte, N. C., and H. B. Lansden, of Manchester, Tenn., have been engaged to place the awards by the comparison system. These men are well known all over the South as judges of worth. There will be a large purse of gold offered on the various breeds, in addition to the regular premiums. Premium list may be had by addressing the secretary, J. W. Suttle, Shelby, N. C.

STATEMENT OF OWNERSHIP, MANAGEMENT, CIRCULATION, etc., of THE INDUSTRIOUS HEN, published monthly at Louisville, Ky., required by the act of August 24, 1912.

NOTE.—This statement is to be made in duplicate, both copies to be delivered by the publisher to the Postmaster, who will send one copy to the Third Assistant Postmaster General (Division of Classification), Washington, D. C., and retain the other in the files of the Postoffice.

Name of Editor, J. Gaylor Blair, Postoffice Address, Louisville, Ky.; Managing Editor, same; Business Manager, Collins Young, Louisville, Ky.; Publisher, Blair-Young Publishing Co., Louisville, Ky.

Owners (if a corporation give names and addresses of stockholders holding one per cent or more of total amount of stock): Collins Young, Louisville, Ky.; Thos. J. Knight, Louisville, Ky.; Jno. G. Blair, Carlisle, Ky.; John Guigliano, Louisville, Ky.; J. Gaylord Blair, Louisville, Ky.; Harry C. Hitt, Louisville, Ky.; Albert Terstegge, Louisville, Ky.; Edwin M. Ritter, Louisville, Ky.; William Mehler, Louisville, Ky.; J. W. Crudgington, Knoxville, Tenn.

Known bondholders, mortgages and other security holders holding one per cent or more of total amount of bonds, mortgages or other security: None.

(Signed)

COLLINS YOUNG,
Business Manager.

Sworn and subscribed before me this 3d day of October, 1914.

(Signed)

PHIL. T. GERMAN, JR.,
Notary Public, Jefferson County, Ky.
(SEAL)

My commission expires January 20, 1918.

Poultry Life Insurance.

Look up the advertisement of the Zenner Disinfectant Company, 301 LaFayette avenue, Detroit, Mich., and write them for their poultry life insurance policy No. 1914. You will find the advertisement on the Health and Disease Department page, this issue. Zenoleum has been used by the best poultrymen and agricultural colleges all over the world for many years. Be sure to write them now; it will save you many dollars.

If you are missing something good, it must be The Industrious Hen. Send in your subscription now. It's worth fifty times what it cost. Every up-to-date breeder takes The Hen now.



The "Best Yet" Aluminum Leg Band. Double clinch, can not come off. Comes bent ready to apply. 5 sizes pigeon to turkey. State your breed 12, 15c; 25, 20c; 50, 35c; 100, 60c; send no stamps. Circular free, sample for 2c stamp. Aluminium Marker Works, Dept. H, Beaver Falls, Pa.

SIX PER CENT LOANS

Obtainable on Farm, Ranch or City Property. To Improve, Purchase or Remove Incumbrance; Liberal Options; 5 years before making payment on principal, etc. For the proposition address: Assets Dept. at 1410 Busch Bldg., Dallas, Tex., or 422-423 First National Bank Building, DENVER, COLO.

Are you a member of the Kentucky Poultry Association? If not, why not?

Don't Feed Green Food!

Do away with the bother by using **Succulenta Tablets**

They are better and cheaper and more relished by all fowl. Simply dissolve one tablet in one quart drinking water for fowl. Sample can (100 large tablets) by mail 75c. Can of 250 large tablets by mail \$1.50. **YOUR MONEY BACK IF NOT SATISFIED.** Drop postal for particulars to The Succulenta Co., P. O. Box 405-25 Newark, N. J.

"YOU'RE A LIAR."

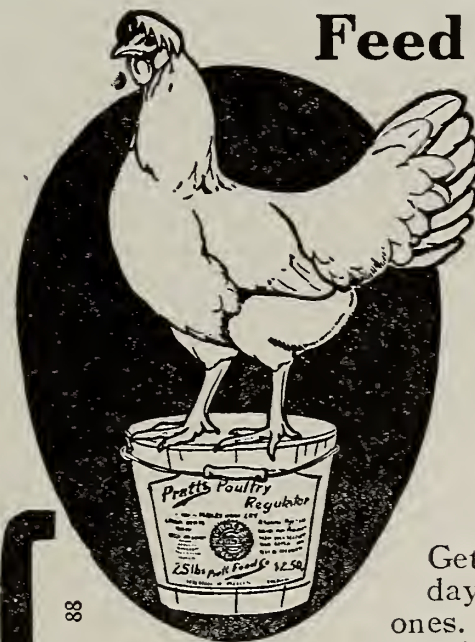
You say; yet "OCULUM" cures (they stay cured) Roup, Cholera and other diseases.

Healthy hatch from cured birds. Before marketing "OCULUM" we spent thousands of dollars "TESTING IT OUT" on the plants of America's leading poultrymen—Hawkins, Lathan, Fishel and others. We cured birds in numberless poultry shows, even at Madison Square Garden, where we changed SICK BIRDS into BLUE RIBBON WINNERS. Result: UTTER ASTONISHMENT.

It makes gallant roosters, healthy hens and chicks grow like weeds. If your dealer won't supply you, we will. Bottle 50c and \$1. If not O. K., money back. If you believe the testimony of the Poultry Journals and leading Poultrymen, you will "TRY OUT" "OCULUM." HUNDREDS OF TESTIMONIALS FREE.

H. I. CO., BOX W. SALEM, VA.

Feed Them Pratts



Here is real egg-making joy for laying hens. Makes them relish their morning's feed and sends them happy to their nests. No sick, dopey birds standing around, but the entire flock full of life, laying regularly, and showing money-making form. Feed them

Pratts

Poultry Regulator

Gets the laying hens into the egg-a-day class, and starts up the lazy ones. Makes no difference about breeds—the better the birds the more

Pratts will do for them. Develops pullets into early layers. Brings birds quickly and safely through the moult and puts them back again on the egg-laying job.

Go to your dealer and tell him you want Pratts Poultry Regulator. Comes in 25c packages up to big, generous 25-lb. pails at \$2.50. Pratts does all we say and more—must do it, or your money back and no questions asked.

That has been our guaranty for 42 years. A Regulator with such a record is worth asking for and insisting that you get it and none other.

Pratts Roup Remedy

Tablets or Powder

The sure preventive—the complete cure for Roup, Colds, Canker, Catarrh or Diphtheria. In 25c and 50c boxes.

Pratts Poultry Remedies are sold by 40,000 dealers

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This department is conducted by J. C. Clipp, Saltillo, Ind., and any questions that you wish to ask will be answered through this department, if addressed to Mr. Clipp at Saltillo, Ind. If a personal reply is wanted, enclose a stamped envelope.

A READER writes to know what the result would be to cross the Canada or wild goose on to the African or Toulouse goose. The only way I could answer this would be to say that the Canada goose when crossed with our domestic goose, produces mongrels, sometimes called "mules," due to the fact that such blood makes sterling specimens. It is said that the progeny from this mating (either Canada with African or Canada with Toulouse) will lay a few eggs, but no goslings have ever been hatched from mongrels produced from these matings. The flesh of these progenies is as a rule very delicate and bring high prices in the Eastern markets. They bring much higher prices than any of our domestic fowls. I have the impression that if you have the idea of breeding geese, for eggs or for the novelty of the thing, you will make a failure in making crosses of this kind, but if you wish to breed or rather raise goslings for hotel trade, then to cross the Canada ganders with our domestic goose, as our geese lay more eggs than the Canada geese.

You would have to use at least a two-year-old gander for breeding purposes as the young ganders of the Canada variety will seldom mate. They will mate better with the Toulouse goose than with white geese, but after some time of associations together they will mate almost equally as well with the white geese. You should mate a goose of same age as a young goose is seldom profitable for breeding purposes.

In my opinion, you will find more real profit in breeding some one of the standard bred varieties and sell the eggs for hatching purposes and the surplus stock for breeding purposes, than you will to try crossing the wild and the domestic goose for fancy cafe or hotel trade. The demand for well bred geese is very great. The writer visited a very prominent Eastern Toulouse goose breeder a few weeks ago and he tells me his trade is increasing every year. More people are drifting from turkeys to geese every season from the districts where turkeys are proven to succumb to "blackhead." Hence, I advise breeding standard bred varieties, or if you wish Canada geese, breed them pure.

I fail to see the advantage of cross-breeding. You are compelled to work up a great trade in the city, such as cafe and hotel trade, in order to accomplish anything in the way of furnishing prime fat goslings or even fat matured wild geese. It is true, wild geese when well fattened bring better prices than any other, but to cross

them with our domestic geese you are compelled to stop with the first progeny, as you have the "mule," so to speak.

Personally I am very fond of geese and have always found them profitable, but never have crossed up various strains in the hope of improving them. When you get a better variety than Toulouse, Embden, African, Brown and White China and the pure Canadian goose, you must produce something far better than has ever been produced yet from and cross or experiment ever yet made. The farmer that has a fine bunch of well-bred geese enjoys opening the gate and turning them out to pasture with the cows or sheep, and see them grow without any expense whatever except the grass.

I have been in possession of a flock of geese for years and have fed them the least of any fowl or stock on the place except turkeys. They will live almost entirely on green rye through the winter. We have a plot of rye now for our geese and do not feed them a cent's worth of feed a month. I have heard it said that a fancier could not stand to turn his geese out on pasture and let them shift, but I can show you any number that never feed their geese except in the very worst snowy weather. The results

of crossing the Canada geese with our domestic geese is not encouraging; hence, I would advise breeding pure-bred varieties for the reason you can always reproduce from your output any amount of stock when they are of the proper age, while if you cross up with wild geese you are compelled to continue to buy your breeders from time to time.

The secret of success in anything is to produce your own products and sell to the other fellow, and let the "other fellow" be at the expense of the outlay. As soon as our people learn the art of shifting, we will be a more prosperous people. Only occasionally do we find our geese disappointing. Some seasons the eggs just will not hatch, the reason why is always a puzzle or nearly always so, but you know there is always a "bitter with every sweet."

Our geese are a steady income, just like the interest on a bank account (if you are so fortunate to have one) and if you grow geese you will almost be certain sooner or later to have a bank account. But get away from the idea of crossing. Just why some poor mortals have a weakness

BLOODY BUTCHER S. C. REDS PARTRIDGE PLYMOUTH ROCKS

Pullets \$1 to \$2. Cockerels \$2 to \$5. Partridge Rock hens \$1.25 to \$3. SPECIAL—Four hens in second pen, Memphis, \$2.50 to \$4 each. Have sold winning cocks. Correspondence cheerfully answered.

L. P. MATTHEWS,

Thorntown, Ind.

ARE YOU INTERESTED

We carry a large list of the best farms in Madison County, Ala. Please write us for booklet and list of farms we have for sale.

ENTERPRISE REAL ESTATE CO.

Huntsville,

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CHAMPION BARRED ROCKS

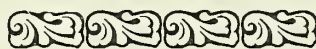
Make a clean sweep at the Kentucky State Fair of 1st, 2d and 3d cock, 1st, 2d and 3d hen, 2d, 3d, 4th and 5th cockerel, 1st and 3d pullet, 1st pen, \$10 gold special, and the Industrious Hen Cup, over all varieties in the show. At the Tri-State Fair, Memphis, Tenn., I won 2d and 5th cock, 5th hen, 2d cockerel, 5th pullet, 1st pen, two silver cups for Southern States Champions on cockerel and pen. I am the only breeder to win in all five exhibition classes. Choice cockerels and pullets fit to win in any competition or high class breeders.

A. G. CALLOWAY

Old Address Louisville, Ky., R. F. D. No. 22

R. R. No. 18, ANCHORAGE, KY.

S. C. WHITE ORPINGTONS



ENTIRE FLOCK OF PRIZE WINNING S. C. W. ORPINGTONS; NOTHING RESERVED. Owing to leaving this place, we are offering our birds at a great sacrifice. This is the chance for some one to "start right" in the poultry business. These birds are out of first prize cockerel, Coliseum, Chicago, 1911, and any one who has followed our show record knows what our birds have done. Do not delay but write for prices immediately. Will sell as a whole or singly.



CHRISTOPHER & SWIFT,

Jeffersontown, Ky.

for crossing I never could understand. Only a short time ago one of our neighbors attempted to cross the "lightning-bug" on to his honey-bees, in order that they produce a better quality of honey, as he supposed they would gather the greater portion of the honey at night, and the honey not become so strong, by reason of the hot sun's rays (?). Yes, every once in a while we have a fiend for crossing every living thing just to see what the result will be; but get away from that idea and use every effort to improve that which we already have, and I am confident you will realize a much greater profit.

J. C. CLIPP.

Turkeys.

This is good "turkey" weather, and the young birds as a whole are doing well. Freshly cut bone (it must be fresh, otherwise it is worse than useless) is an excellent food for turkeys after they are about three weeks old. Too much, however, or any sign of taint in it and there will be bowel trouble. Natural animal food, provided it is found on "sweet" land, is better than any substitute; and this, with sound young greens and herbs, is greatly relished. The rations of turkeys must be nourishing and full. There must be no stinting, just as there must not be any attempt at forcing or overfeeding. The heat of the day is better suited for rest than work. Wise are the poultrykeepers who feed their turkeys—aye, and other stock—in such a way that the birds will have the bulk of their food—and their work to get it—when the shadows are long and the air reasonably cool.—Exchange.

Popular Talks on Law

By WALTER K. TOWERS, A. B., J. D.,
of the Michigan Bar

THE TEACHER'S AUTHORITY.

Every child who goes to school, and every parent who has a child in school is interested in the extent to which a teacher may control

the conduct of the pupils both in and out of school. It is well settled that within the schoolroom the authority of the teacher is supreme. In the understanding of the law the teacher has been delegated the parent's authority to exercise while the child is within his care.

The teacher has the right to maintain discipline and enforce proper rules. In doing this, the teacher may resort to physical punishment, unless forbidden by statute, as in New Jersey, or by the rules of his superiors. But the punishment which the teacher may administer must be reasonable, and if it amounts to unreasonable and unnecessary violence, the teacher is liable to the injured pupil in an action for assault and battery.

While the pupil is within the school the authority of the teacher is complete, and in all ordinary cases, exclusive. The irate parent may not interfere between teacher and pupil so long as the latter is within the school.

The question frequently arises as to the authority of the teacher while the pupil is either on the way to school or on the way home from school. Generally speaking, both teacher and parent have authority over the child during this period, the teacher's authority being considered necessary for the maintenance of school discipline. Not all States, however, recognize this rule. For instance, New York takes the position that the teacher's authority does not extend beyond the school building and grounds. The majority of the States, however, follow the general rule stated above, and in not a few States, as California, Pennsylvania, Washington, Virginia, New Jersey, etc., the teacher is given this authority by State law.

In one recent case a teacher caned two of his pupils for fighting on the way to school. An action was brought against the teacher and it was strongly urged that he had exceeded his authority in punishing for an act committed away from the school premises. The judges took the following view of the matter:

"The power of the schoolmaster to punish a pupil is not limited to acts which take place within the four walls of the school premises. His authority over the pupil is an authority delegated to him by the parent, and, though it would not extend to the conduct of a pupil while under his parent's roof, when the parental authority would be resumed, it must extend to the conduct of the pupil on his way to and from school.

"Very grave consequences would result if it were held that the parent's authority was exclusive up to the door of the school; and that then, and only then, the master's authority commenced. It cannot be that such duty or power ceases the moment that the pupil leaves school for home. Parents do contemplate such an exercise of authority by the schoolmaster. The principle shows that the

authority delegated to the schoolmaster is not limited to the four walls of the school."

Generally speaking, after the pupil has arrived home he is entirely within the control of his parents and the teacher has no control over his acts and may not punish for anything he may do while entirely within the parent's control. Certain exceptions to this rule are recognized, as an early Vermont case shows. One evening the pupil was driving home his father's cows, together with other pupils. They passed the teacher's home, and the boy called him "Old Jack Seaver." The next morning when school opened Seaver reprimanded the boy for the insulting language and then whipped him. The boy brought action for assault and battery.

The court said: "There seems to be no reasonable doubt that the supervision and control of the master over the scholars extend from the time he leaves home to go to school until he returns home from school. When the child has returned home to his parent's control, then the parental authority is resumed, and the control of the teacher ceases; and then for all ordinary acts of misbehavior the parent alone has power to punish. It is not misbehavior generally or toward other persons or even toward the master in matters in no way connected with or affecting the school. For, as to such misconduct, committed by the child after his return home from school, we think the parents, and they alone, have power of punishment. But when the offense has a direct and immediate tendency to injure the school and bring the master's authority into contempt, as in this case, when done in the presence of other scholars and of the master, and with a design to insult him, we think he has the right to punish the scholar for such acts if he comes again to school."

The right of expulsion or suspension is generally in the school board, which may inflict either of these punishments for breaches of the reasonable rules of the school. Continued absence without excuse, insubordination, disobedience are familiar and proper causes of expulsion and suspension. But these punishments may not be lawfully imposed arbitrarily and without proper reason, nor for the breach of unreasonable and unnecessary rules.

It has been held that a teacher or school board has no right to forbid a student to attend a social party after school hours. The school authorities have been supported by the courts, however, in their war upon fraternities, sororities and other secret societies connected with the school. Where these organizations have a tendency to interfere with school discipline and scholarship, it is held that the school board may forbid pupils belonging to them, even though they secure the consent of their parents and the organizations meet outside of the school premises and after school hours. School boards may also forbid pupils to engage in athletic sports under the auspices of the school or under the school name.

(Copyright, 1913, by Walter K. Towers.)

SPAINS' BARRED ROCKS AND M. B. TURKEYS

Have made a clean sweep of the State in the last two weeks, winning 10 blue ribbons out of a possible 12 on Barred Plymouth Rocks.

Virginia State Fair, Oct. 5-10, 1914.—Barred Plymouth Rocks: 2d cock, 1st, 2d hens, 4th cockerel, 1st, 5th pullet, 1st, 2d pens; cup for best display in Rock classes. Mammoth Bronze Turkeys: 1st, 3d cocks, 1st, 2d hens 1st, 2d cockerel, 1st, 2d pullet.

Petersburg Fair, Oct. 13-17, 1914.—Barred Plymouth Rocks: 1st, 2d cocks, 1st hen, 1st, 3d cockerel, 1st, 2d, 3d pullet, 1st, 2d pen, 1st, 2d cockerel mated yard, 1st, 2d pullet mated yard; cup for best display on Rocks. Mammoth Bronze Turkeys: 1st, 2d cocks, 1st, 2d hens, 1st, 2d cockerel, 1st, 2d pullet; cup for best display on Turkeys.

A nice lot of stock for sale at reasonable prices, either exhibition or utility.

CHURCH ROAD,

E. C. SPAIN,

VIRGINIA

SECRETARY'S ENTRY BOOK

A very compact book, size 8½x8½ inches, giving ample space for making entries without crowding. Printed on best quality paper and handsomely bound. Our simple labor-saving system of special indexing is a feature that adds much to the book and affords a great saving of time in making entries. 100 Leaves \$2.00:

THE INDUSTRIOUS HEN, - - Louisville, Ky.



If you are Secretary of your Specialty Club, Poultry Show or Association, be sure to send in your news each month for this department. We will gladly publish same free for you. Also let your members know what the Club and Association are doing. Keep them posted.

Rhode Island White Club of America.

The former president, Carl D. McCarthy, having sold his entire flock of Rhode Island Whites and quit the poultry business, has resigned, whereupon Edmond E. Field, of Hasbrouck Heights, N. J., has been appointed to fill the unexpired term.

Mr. Field is a thoroughgoing chicken man, a natural born fancier, which together with his good stock of common sense and business ability, we believe will add new life to the club.

Owing to circumstances not in our power to control it has become necessary to change the club show and the annual club meeting to Louisville, Ky. The club show will be held with the Falls City Fanciers' Association at the Armory, Louisville, Ky., during the last week in November. The club meeting will be held on Friday, November 27, at 1 o'clock p. m. Many attractive prizes are offered to members in good standing.

The attractive club book may be had for ten cents. One dollar pays your initiation fee and dues to November 1, 1915, and you will receive the club book free. For further particulars write Mrs. C. M. Vertrees, secretary-treasurer Rhode Island White Club of America, Cecilia, Ky.

American S. C. Brown Leghorn Club Election.

Below are the names of officers recently elected by the members of the American Single Comb Brown Leghorn Club: President, W. G. Warnock, Geneseo, Ill.; Northern vice-president, Miss Constance V. Herr, Jackson, Mich.; Eastern vice-president, Geo. H. Burgett, Lawton Station, N. Y.; Western vice-president, J. C. Williams, Fullerton, Cal.; Southern vice-president, E. E. Carter, Knoxville, Tenn.; Central vice-president, E. W. Staebler, West Park, Ohio; secretary-treasurer, J. H. Henderson, Knoxville, Tenn.

Place for annual meeting, Indianapolis, Ind. Time, first week in February, 1915. New catalog will be published about January 10, 1915, and copies will be mailed on request.

Shelby, N. C., Show.

The next annual show of the Western North Carolina Poultry Association will be held in Shelby on December 1, 2, 3 and 4, 1914. With H. B. Lansden and R. L. Simmons to place the awards, the officers expect to have between 1,000 and 2,000 birds from the fanciers over the South. They guarantee honest awards, best prizes and a square deal to all. If you want to meet a bunch of enthusiastic poultrymen, bring your birds to Shelby. A hearty welcome awaits you. Premium list on application to J. W. Suttle, Shelby, N. C.

Notice to Breeders of R. C. Black Minorcas.

The next annual meeting of the International Rose Comb Black Minorca Club will be held in connection with the Tri-State Poultry and Pet Stock Club of Toledo, Ohio, during the week of November 30 to December 6, 1914. The business session of the club will be held Thursday, December 3, at 2 p. m.

Mr. Newton Cosh, an experienced breeder of Minorcas, will judge the exhibits. No breeder of Minorcas should fail to send a few birds to the Toledo show this year. Already a long list of specials is prepared. Do not fail to send to Mr. W. B. Tracy, Toledo, Ohio, for premium list of this show.

Special attention of club members is called to the fact that the present club secretary will not serve longer than until the Toledo meeting, and every member should be present in person or proxy to assist in electing some one for this important position. Don't forget Toledo. It is early but do not think your birds too young. Your competitor's birds are no further along.

LLOYD C. MISHLER, Secretary.
North Manchester, Ind.

American White Orpington Club Specials.

The American White Orpington Club is offering at all the shows over the country this season a set of their handsome white silk club ribbons with gold fringe, on the best cocks, cockerels, hens and pullets and a bronze medal for the best pen. To compete for these specials you must be a member of the club in good standing with dues fully paid to and including 1915. The initiation fee to the club is one dollar which pays also for the first year's dues. Life membership fee is only five dollars. The secretary, F. S. Bullington, Box 328, Richmond, Va., will gladly send club book upon request; it is full of articles on the White Orpingtons.

Annual Virginia Poultry Show.

The tenth annual exhibition of the Virginia Poultry Association will be held at Richmond, Va., November 24-27, 1914. This is really the banner show of the South and breeders will do well to consider the same. The judges this year will be C. T. Cornman, Z. D. Struble and J. W. Dennis. The show superintendent is J. F. Crudup. Premium list can be obtained of the secretary of the show, F. S. Bullington, Box 328, Richmond, Va.

Show at Goshen, Ind.

Every poultry association speaks in glowing terms of the number of special premiums they are offering, of the large cash prizes they pay, what a nice, large hall they have for their exhibit, the advertising value of a winning made at their show and of the capable judges they engage, etc. The Goshen boys offer all these inducements, but their strongest and best boast is the courtesy and fair treatment they extend to every outside exhibitor. We realize that the ultimate success of our show depends on securing exhibitors who will be with us year after year and know when they show at Goshen, whether they attend in person or not, that their birds will receive every

prize they are entitled to. Every officer of the association will fight for fair treatment. We want friendly rivalry. The best bird must win.

Our premium list is now ready for mailing. We are giving silver cups galore. Come and win one or more. Attend in person if you possibly can. We will try and show you a good time. Write today for a copy of our

TODD'S SHOW YOU WHITE WYANDOTTES

have demonstrated in the laying contest and the show room that there is none better. These blood lines will start you right. Stock for sale.

S. L. TODD,

GREEN FOREST, ARKANSAS
State Sec'y National White Wyandotte Club

BROWN FENCE

For Poultry

Costs less than netting. Lasts 5 times as long. Is stock-strong and rust-proof. Bottom wires only one inch apart. No top or bottom boards needed and fewer posts.

SOLD DIRECT from FACTORY
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150 Styles for Poultry, Stock, Lawns and Cemeteries.
Gates to match. Send now for Catalog.

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Leg Bands

Complete line—all styles and colors.

Aluminum bands with turned over edges—celluloid colored number strips. Leader adjustable: 12, 35; 25, 60; 50, \$1.10; 100, \$2.00; 500, \$3.50. Post-paid. Also sealed and double clinch bands. Write for catalog. Samples free.

The Keyes-Davis Co., Dept. 528, Battle Creek, Mich.

MEYERS BLACK LANGSHANS

Still winning. Won at Memphis, Tenn., the largest show of the South, in a hot class, 3d cock, 2d, 3d and 4th hen, 2d cockerel, 3d pullet and 1st pen; silver cup for the best pen from the State of Missouri. I only lacked one point winning as many points as all my competitors combined. If the best is what you want, write me tonight and get my prices. Cockerels from \$2 up. I also have some fine hens and pullets for sale. Show birds a specialty. Yours for Langshans.

W. A. MEYER,

BOWLING GREEN,

MO.

Donaldson's S. C. Rhode Island Reds Again Win

At the Alabama State Fair, Oct., 1914, 1st cock, 1st, 2d and 4th hens, 1st cockerel, 1st and 4th pullets, 2d pen, special on cock for best parti-colored male in show, special for best cockerel in American class. High class exhibition Reds ready for the show room. Write for prices. Cocks and cockerels \$2.50 and \$5 each. A few extra fine breeding hens at \$2.50 each. Eggs \$1.50 and \$5 per fifteen. Baby chicks.

MRS. DONALD DONALDSON,

Decatur, Ga.

BARGAINS EXTRAORDINARY IN WHITE PLYMOUTH ROCKS

For the next 30 days I will offer the following: Cockerels \$3 each. Trios (male and 2 females), \$5. Pens (male and 5 females), \$10. Properly mated to produce the best there is in White Plymouth Rocks. Satisfaction guaranteed or money refunded. Write at once as this offer is only made to reduce my flock for the winter. Address:

W. B. JENKINS, PROP.

OAKLAWN POULTRY YARDS,

GLENDAL, KENTUCKY

READ

Proverbs 6:6-8 and 30:25. Then act on same and write us at once for prices on Single Comb Buff and Blue Orpington, Rhode Island Reds, Japanese Silkies, Longtails, White African Guineas, Peafowls, Ducks and Pheasants.

CHILES & CO., - - - MT. STERLING, KY.

Just say you saw it in The Industrious Hen.

premium list. It will be sent you promptly. Address either W. H. Schadt, president, or A. A. Kryder, secretary, Goshen, Ind.

The Quality Show of Indiana.

The sixth annual show of the Terre Haute Poultry Association will be held at Terre Haute, Ind., December 29, 1914, to January 3, 1915. The Terre Haute show this year will excel all shows that have been held there in the past, both in quality and in number of entries. One of the best judges in the country last year said that for quality no show in the State could beat it and that the winners for the largest shows in the country could be picked from the winners at Terre Haute. This year the show will be cooped with uniform sanitary cooping and the same excellent care that has been given birds in the past will be given them this year. They have secured two of the best judges in the country to award the premiums, Geo. N. Northup and H. A. Pickett.

The Terre Haute show has grown by leaps and bounds and now is recognized as the best poultry sales town in Indiana. Last year the

October 12, 1914.
The Industrious Hen,
Louisville, Ky.

Gentlemen: Enclosed find copy which you will please run in your next issue. The Industrious Hen has certainly molted with good color, fine shape and full of utility; in other words, she is on the jump.

Yours very truly,
JNO. O. REID.

show room was crowded to capacity with buyers of blooded poultry and the breeders who were lucky enough to show there had a very successful week.

They are offering this year a great number of cups but have decided to make most of the premiums in cash so the exhibitor will have good cold cash to show for their successful breeding and showing. They are offering a number of other valuable premiums which are set forth in their premium list. This premium list will be off the press about November 1st and every poultryman is urged to send for this and see for himself the opportunity that is offered to him at "The Quality Show of Indiana." Write to M. Austin Potter, secretary, 433 Wash. Ave., Terre Haute, Ind.

Coming Attractions

B. F. KEITH THEATER—Keith Square, Fifth and Walnut Street.

A picturesque and sensational pantomime spectacle, entitled "In the Gypsies Camp," will be the chief feature of the bill for the week of November 1st. It will be presented by W. Horelik's ensemble of fourteen spirited Russian dancers. Additional features include Harry Lauder, the famous Scotch comedian, through the medium of singing and talking pictures; Tango Chief, the equine dancing marvel; Lasky's "Eloping," a breezy comedy act; Hoey and Lee, character parodists; Clark and McCullough, tramp comedians; Grace Wilson, singing comedienne, and others. The bill for November 9th will include Bessie and Harriet Remple and company, Sam and Kitty Mor-ton, Wills and Hassan, and others.

GAYETY THEATER—Jefferson near Fourth. Drama and Musical Comedy.

Nov. 8—"Maggie Pepper."

Nov. 18—"September Morn."

Nov. 22—"Fine Feathers."

Nov. 29—"Bought and Paid For."

Mail orders given special attention. For further information address C. T. Taylor, Manager.

MARY ANDERSON THEATER—Fourth and Chestnut.

A beautiful playhouse, presenting real stage stars in great photoplays. Continuous performances, 10:30 a. m. to 10:30 p. m. Afternoon, all seats 10 cents; night, 10 and 20 cents.

Four days, starting November 4—Ethel Barrymore in "The Nightingale."

Coming—Wm. Faversham, Lillian Russell, Jas. K. Hackett, Leslie Carter and other noted stars.

PILLING CAPON TOOLS

Easy to use
ROOSTER 5 lbs.
CAPON 10 lbs.
MORE THAN DOUBLE YOUR COCKEREL PROFITS
Capon grow twice as large on the same amount of feed and bring twice the price per pound.
Complete set of reliable, practical, easy-to-use Capon Tools \$2.50—full, illustrated instructions included. Parcel Post prepaid.
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By using poor illustrations. The best are the cheapest. We know how, because we specialize on Poultry work. We can design your Catalog, Mating List, Letter Heads, etc. Photographs retouched. Write us your wants. Our Motto:

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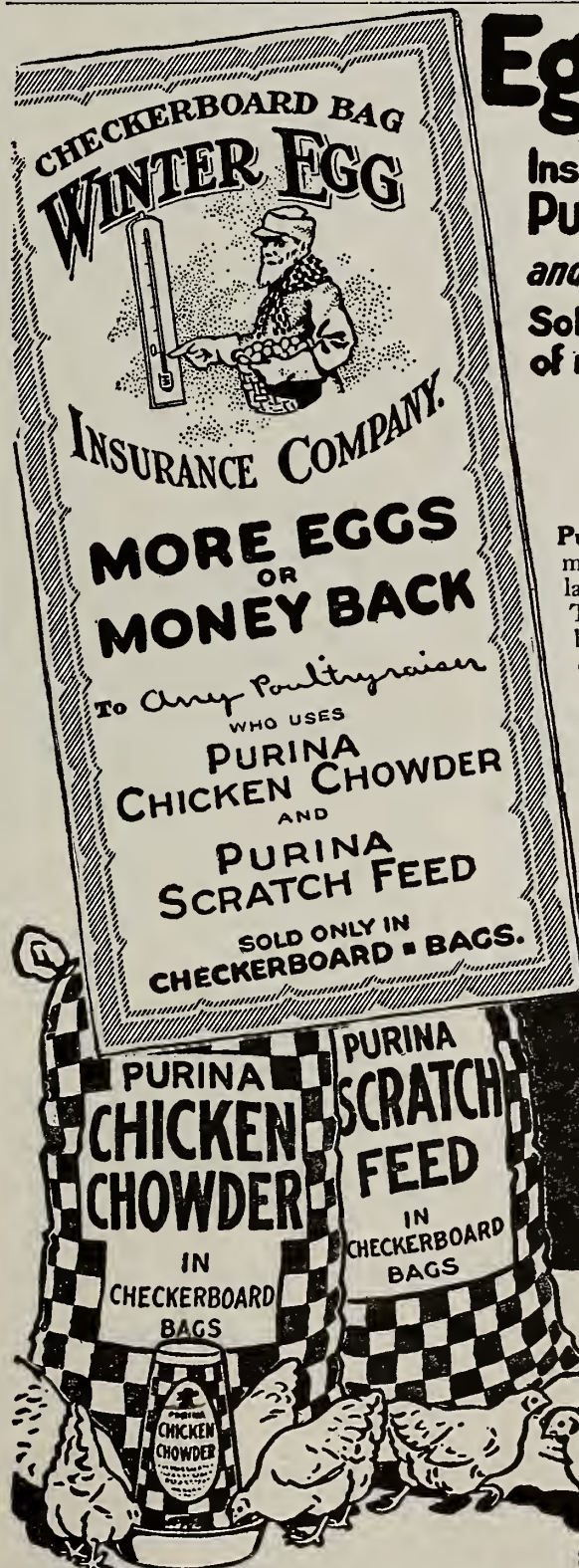
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Art Studio

RHOM BROS. QUALITY BUFF AND PARTRIDGE ROCKS

Winners at Hamilton, Ohio; Springfield, Ill.; Cincinnati, Chicago, Indianapolis and other shows. Won twenty-two silver cups in hot competition. Eggs now one-half price. R. D. No. 3, Fountaintown, Indiana.



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Insure Winter Eggs by using
PURINA CHICKEN CHOWDER
and **PURINA SCRATCH FEED**

Sold under iron-bound guarantee
of more eggs or money back.

Purina Chicken Chowder contains cornmeal, bran, middlings, linseed meal, granulated meat, alfalfa meal, and charcoal. The leading dealers sell it in Checkerboard Bags only, on an absolute guarantee of more eggs or money back, when used with Purina Scratch Feed.

48 Page Poultry Book Free (new edition) containing breeding and feeding charts, plans of houses, cures of diseases, space for daily egg records, etc. Also information about Boys' and Girls' Poultry Club and prizes. Write today.

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"If CHICKEN CHOWDER won't make your hens lay they must be roosters"

TRIAL OFFER—If your dealer can not supply you with Purina Chicken Chowder send us \$2.50 and we will ship you a 100 lb. bag by freight, collect.

TO RETAIL MERCHANTS—If your dealer can not supply you with Purina Chicken Chowder send us your order for not less than 200 lbs. and we will see that it is delivered to you at regular dealers prices—packed only in 100 lb. checkerboard bags and in 100 lb. checkerboard bales containing twelve 8½ lb. packages.

Just say you saw it in The Industrious Hen.

WHITE PLYMOUTH COCKERELS FOR SALE

Three—Fishel strain. Will sell the three birds for \$10.00. These birds are very cheap at this price. Very large, nice shape and pure white, no brassy effect. Also have a fine bunch of squab breeders in Corneax, exhibition Homers, show Homers and Racing Homers. The best in the country. I will guarantee to please you or refund your money.

ENGLESIDE PIGEON LOFTS

I. J. ENGLE, Proprietor.

125 HANOVER ST., LEXINGTON, KY

SINGLE COMB WHITE LEGHORNS—LAWSON'S BLUE RIBBON EGG MACHINES

Time is money. Sixteen years' hard work testing and experimenting, spending time and money to produce and own the best egg producers in the whole country, and in this I am sure I have been successful. If interested, write to one who is a successful White Leghorn Specialist, if you want the money-makers, get Lawson's Strain. Birds for any show. Write your wants.

WHITE HILL POULTRY FARM,

A. J. LAWSON, PROP. ROUTE NO. 4, BOX NO. 200 CLEVELAND, TENN.

BUFF PLYMOUTH ROCKS

Bred for Heavy Winter Egg Production. Also blue ribbon winners at the recent Kentucky State Fair. Choice cockerels at \$2.50 up and pullets at \$1.50 up. Write for description and other information.

Cumberland Phone; Harrods Creek Exchange. Free Service.

MRS M. T. ENGLISH

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You are looking for a cockerel that will improve your flock and win a blue ribbon for you this winter. We have them with Standard cup shaped combs, willow green legs free from stubs, at \$5 to \$8. Also Standard Malay Games, Malay and Buttercup Bantams, Indian Runner Muscovy Ducks and Toulouse Geese. Our birds win for us and will win for you. Square Deal guaranteed. Let's get together.

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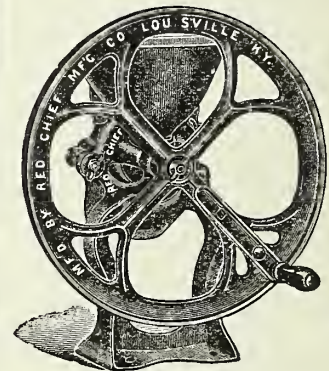
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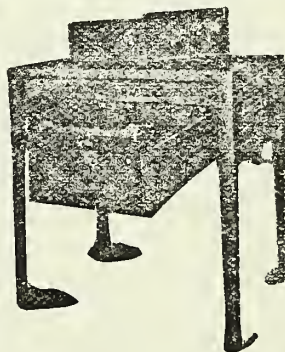
A Machine that is hatching big per cent of Ducks and Chickens. It is absolutely free from smoking or catching on fire.

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There is no machine on the market today better in any way than this machine. Made from the best of natural oak grown in Georgia; highly polished, it is a substantial and beautiful piece of furniture. All inside heating equipment made from best grade of copper.

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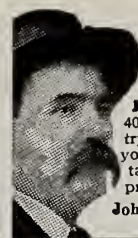
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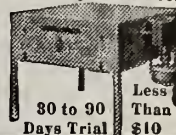


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Have 15 years of improvement back of them. Remember **STRAIN** is just as important as **VARIETY**. Careful records show an average of 150 eggs per hen on a flock of 1500.

One thousand one and two-year-old hens for sale. Write for prices.

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ANDERSON'S S. C. BLACK MINORCAS WIN HIGHEST HONORS

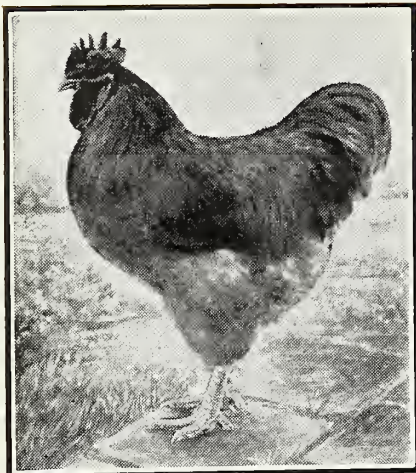
Memphis, Tenn., Tri-State Fair, (4 entries)—2 Cock, 1 and 3 Hens, 3 pullet. Hagerstown, Md., the largest Fall Show (4 entries)—4 Cock, 3 Hen, 3 Cockerel. Augusta, Ga., the Premier Show of the South (9 entries)—1 and 3 Cocks, 1 and 2 Hens, 2 and 4 Cockerels, 2 and 5 pullets, 1 pen. Choice breeders and sure winners at attractive prices.

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At Montgomery, Ala., October 12 to 17, 1914, after a very severe trip, including unexpected delays, and being without food or water for nearly sixty hours, my birds won as follows:—

White Leghorns 1st Cock, 1st and 4th Hens, 2nd and 5th Cockerels, 4th Pullet, 3rd and 4th Pens.

Buff Orpingtons 1st Cock, 1st and 2nd Cockerels, 1st and 2nd Hens, 1st and 2nd Pullets.

White Plymouth Rocks 1st and 4th Pullets, 2nd Cockerel, 2nd and 5th Hen.

Rhode Island Reds 2nd and 4th Cockerels.

I can still supply a good lot of birds, fit to win at any show, at war-time prices. Also a grand lot of breeders. Eggs for hatching and day old chicks. Address.

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"ASK THE JUDGES"

What O. B. Andrews' Famous Efficiency Strain Barred Plymouth Rocks and S. C. White Leghorns accomplished at the Great Memphis Tri-State Show, October 3rd, and they will tell you that my exhibit of 52 birds was one of the finest displays ever cooped.

My record was truly a magnificent one in the strongest competition ever seen in the South. The Leghorns and Barred Rock entries were the largest ever seen south of the Ohio River. Just ponder for a moment on one breeder at such a show winning the following:—

1st White Leghorn Cockerel, 1st Barred Rock Cockerel. Medal for Champion Leghorn Male—Cup for best cockerel exhibited from State of Tennessee, also 5th Leghorn Hen, 2nd Barred Rock Hen, 3rd Exhibition Pen. Every bird was bred and raised at Efficiency Strain Farm.

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Breeding stock—exhibition birds on hand at all times.

If interested in these two grand breeds, why not get Efficiency Strain and have the best?

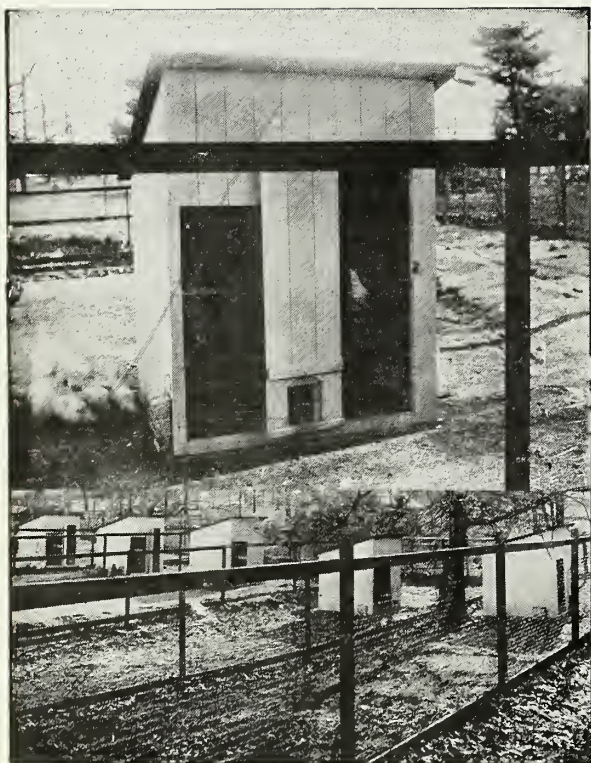
Barred Rock Eggs (either mating) from prize matings \$6.00 per 15

White Leghorns Eggs—from my best pens \$4.00 per 15

If you are troubled with lice and mites—send \$1.00 for box of "Deathmite". I guarantee satisfaction or money refunded. "ASK THE JUDGES" and send for beautiful catalog—

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Photograph showing one style of the Andrews' Open Front Colony Houses. This is the most sanitary and the best colony house manufactured.

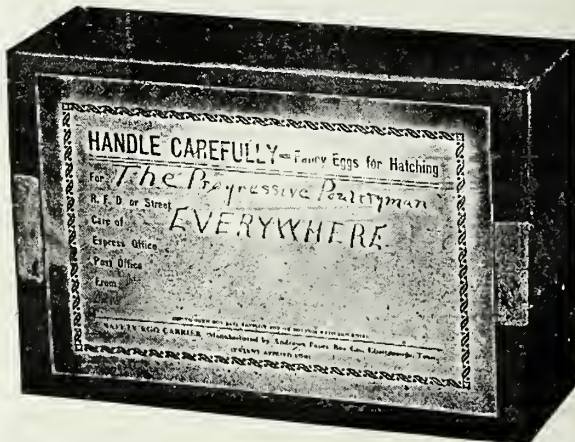
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